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Bureau of Markets

FOOD SURVEYS

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ANNOUNCEMENT.—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 40, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.

CHARLES J. BRAND, Chief, Bureau of Markets.

C. W. THOMPSON, In Charge, Food Surveys Project.

COMMERCIAL STOCKS OF DAIRY AND RELATED PRODUCTS.

Information concerning the commercial stocks of dairy products, eggs, ice cream, margarine and peanut butter, as reported in the War Emergency Food Survey of January 1, 1918, is given on the following pages. Assuming that the stocks reported represent from 85 to 90 per cent of all commercial stocks, the totals of such stocks on the date of the Survey were as follows: Butter, 107,000,000 pounds; ice cream, 730,000 gallons; cheese, 185,000,000 pounds; eggs, 70,300,000 dozens; frozen eggs, 22,200,000 pounds; dried eggs and egg albumen, 11,300,000 pounds; dried milk and milk powder, 15,200,000 pounds; margarine (including oleomargarine, butterine, etc.), 22,300,000 pounds; peanut butter, 11,800,000 pounds; condensed and evaporated milk, 355,000,000 pounds.

Comparative stocks for January 1, 1918, and January 1, 1917, were also ascertained. Only in the case of butter were the commercial stocks smaller on the date of the Survey than they were one year earlier. The stocks of cheese, eggs, margarine, peanut butter, dried milk, and condensed milk were from one and one-fourth times as large to more than one and three-fourths times as large on the date of the Survey as on the earlier date, while the stocks of frozen eggs and of dried eggs were between two and three times as large on January 1, 1918, as on January 1, 1917. The stocks reported as on hand on the date of the Survey represent the following percentages of the corresponding stocks one year earlier: Butter, 94.8 per cent; ice cream, 101.6 per cent; cheese, 130.2 per cent; eggs, 133.1 per cent; frozen eggs, 291.2 per cent; dried eggs, 239.7 per cent; dried milk, 178.6 per cent; margarine, 127.2 per cent; peanut butter, 124.8 per cent; condensed and evaporated milk, 143.3 per cent.

COMMERCIAL STOCKS OF BUTTER.

The commercial stocks of butter actually reported for January 1, 1918, amounted to 93,768,918 pounds. Nearly one-half of these stocks were held by the cold storage houses. The wholesale dealers held nearly one-fifth and the retail dealers and the creameries each

DIAGRAM 1.—DISTRIBUTION OF TOTAL STOCKS OF BUTTER REPORTED FOR JANUARY 1, 1918.



Table 1.—Stocks of butter on hand January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
Total	Pounds. 93,768,918	Pounds. 81,314,453	94.8	Pounds. 85,809,554	
Creameries.....	11,017,614	9,838,622	101.5	9,691,722	
Cold storages.....	44,538,589	40,074,623	92.6	43,264,023	
Meat packers.....	5,058,679	4,857,400	101.7	4,778,019	
Wholesale dealers.....	18,109,443	14,786,022	103.3	14,308,242	
Wholesale dealers in butter, eggs and cheese.....	14,088,714	11,666,013	105.0	11,106,544	
Other wholesale dealers.....	4,020,729	3,120,009	97.4	3,201,698	
Retail dealers.....	10,082,845	7,461,397	89.3	8,359,541	
Retail grocers.....	6,859,806	5,028,573	89.1	5,643,634	
General stores.....	2,831,882	2,175,168	102.5	2,121,316	
Other retail dealers.....	391,157	257,656	43.3	594,591	
Miscellaneous.....	4,961,748	4,296,389	79.4	5,408,007	

STOCKS REPORTED (Pounds)	
TOTAL	93,768,918
Creameries	11,017,614
Cold storages	44,538,589
Meat packers	5,058,679
Wholesale dealers	18,109,443
Retail dealers	10,082,845

held slightly more than one-tenth. The meat packers held only 5.4 per cent of the total and a group of miscellaneous dealers held approximately the same percentage. The total stocks reported are given, by classes of business, in the first column of Table 1, while the distribution of these stocks among the different classes of business is shown graphically in Diagram 1.

Table 2 shows the number of schedules received and tabulated for butter.

Geographic Distribution of Stocks Reported.

Nearly one-third of the total commercial stocks of butter, or more than 30 million pounds, were reported from the Middle Atlantic states. The East North Central division and the New England division rank second and third, respectively, in stocks of

Table 2.—Number of firms reporting butter, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	173,542	123,396
Creameries.....	3,380	2,749
Cold storages.....	224	178
Meat packers.....	938	854
Wholesale dealers.....	3,876	3,008
Wholesale dealers in butter, eggs, and cheese.....	2,236	1,677
Other wholesale dealers.....	1,640	1,331
Retail dealers.....	149,285	105,730
Retail grocers.....	97,853	69,331
General stores.....	44,835	32,477
Other retail dealers.....	6,597	3,922
Miscellaneous.....	15,839	10,877

Table 3.—Stocks of butter reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Creameries.	Cold storages.	Meat packers.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscellaneous.
					Total.	Wholesale dealers in butter, eggs, and cheese.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States	Pounds. 93,768,918	Pounds. 11,017,614	Pounds. 44,538,589	Pounds. 5,058,679	Pounds. 18,109,443	Pounds. 14,088,714	Pounds. 4,020,729	Pounds. 10,082,845	Pounds. 6,859,806	Pounds. 2,831,882	Pounds. 391,157	Pounds. 4,961,748
GEOGRAPHIC DIVISIONS:												
New England.....	20,288,052	425,562	12,548,080	945,981	3,764,163	2,762,216	1,001,947	1,984,525	1,760,768	168,139	55,618	619,741
Middle Atlantic.....	30,485,340	981,070	15,918,694	1,087,231	8,128,092	6,895,281	1,232,811	3,020,483	2,259,331	601,918	159,234	1,349,770
East North Central.....	21,844,535	8,185,491	11,188,874	1,570,349	2,858,853	2,080,580	778,273	1,824,020	1,260,628	512,545	50,847	1,216,948
West North Central.....	7,732,885	3,479,009	2,184,852	345,746	955,639	827,344	108,205	1,284,320	523,628	724,661	36,031	505,319
South Atlantic.....	3,241,419	207,694	1,077,340	326,241	710,792	282,427	428,365	544,933	287,529	233,174	24,230	354,509
East South Central.....	1,534,447	180,675	212,515	56,663	138,409	100,613	37,796	178,210	108,577	66,043	3,590	63,963
West South Central.....	1,564,808	158,037	360,612	267,650	247,551	71,888	175,663	330,848	210,910	113,303	6,635	200,170
Mountain.....	2,224,432	1,013,140	243,956	152,396	347,220	159,493	187,727	416,774	147,505	230,670	38,599	50,946
Pacific.....	4,572,940	1,387,014	799,666	306,422	978,724	908,782	69,942	498,732	300,930	181,429	16,373	602,382
NEW ENGLAND:												
Maine.....	662,063	55,964	394,101	29,545	17,129	1,423	15,706	118,540	85,913	29,156	3,471	46,784
New Hampshire.....	322,469	7,590	36,639	133,400	9,344	124,056	100,144	83,654	14,612	1,878	44,696	44,244
Vermont.....	354,742	228,454	9,844	4,281	35,363	23,130	12,233	49,799	22,507	24,130	3,162	27,601
Massachusetts.....	15,423,184	114,689	10,960,934	649,612	2,085,619	1,349,667	735,952	1,183,010	1,102,599	64,450	15,991	429,320
Rhode Island.....	1,708,160	890	1,151,675	51,752	288,371	189,531	48,840	189,901	171,245	12,357	6,299	40,681
Connecticut.....	1,817,434	18,485	1,526	174,152	1,254,281	1,189,121	65,160	343,131	294,880	23,434	2,817	25,559
MIDDLE ATLANTIC:												
New York.....	16,362,836	419,709	7,961,315	616,802	5,094,086	4,635,407	458,679	1,444,306	1,188,781	177,403	78,122	826,548
New Jersey.....	4,042,857	128,760	2,987,050	1,827	389,041	384,526	84,500	452,526	401,662	35,833	12,213	32,902
Pennsylvania.....	10,078,627	548,601	4,970,329	350,812	2,644,964	1,955,336	689,628	1,123,651	665,900	388,552	68,899	440,270
EAST NORTH CENTRAL:												
Ohio.....	2,532,198	632,512	921,662	85,394	349,046	302,545	46,501	348,873	259,402	77,930	11,541	194,711
Indiana.....	1,493,857	218,991	414,110	8,805	605,044	593,920	11,124	173,735	55,879	3,053	14,470	44,244
Illinois.....	14,819,667	723,765	9,901,178	1,431,758	1,514,706	955,920	558,786	595,814	440,924	139,420	15,470	646,456
Michigan.....	1,509,809	639,551	66,488	38,381	231,553	122,134	109,419	393,739	225,346	154,781	13,612	140,097
Wisconsin.....	1,798,000	970,282	258,136	6,011	158,504	106,707	51,797	122,927	121,221	84,535	7,171	191,440
WEST NORTH CENTRAL:												
Minnesota.....	3,057,137	1,698,371	742,503	27,767	231,670	196,518	35,152	255,386	115,657	126,312	13,417	101,440
Iowa.....	1,234,011	527,416	52,024	42,754	216,630	190,533	26,097	247,221	107,507	132,227	7,487	147,966
Missouri.....	2,067,339	318,548	1,036,049	68,491	227,512	190,701	36,811	230,428	143,400	80,835	6,913	186,311
North Dakota.....	213,562	69,957	980	502	24,070	23,993	177	112,444	11,773	99,667	1,504	5,609
South Dakota.....	232,802	115,244	235	235	23,324	23,273	251	90,686	13,644	75,475	1,567	3,113
Nebraska.....	1,248,827	525,475	313,147	66,817	153,494	148,122	5,372	386,358	58,610	104,771	3,061	25,536
Kansas.....	679,207	223,998	40,149	139,180	58,739	54,394	4,345	181,797	73,537	105,428	2,832	35,344
SOUTH ATLANTIC:												
Delaware.....	79,290	1,814	680	4,581	14,078	3,302	10,776	26,223	13,775	2,266	10,182	31,914
Maryland.....	764,730	128,579	256,113	55,032	200,820	181,811	18,979	64,283	38,735	23,881	3,081	39,881
District of Columbia.....	1,331,209	191,943	124,446	27,769	25,229	25,229	2,540	40,932	36,396	190	1,626	51,998
Virginia.....	516,571	51,743	585,000	49,688	187,165	38,979	148,186	132,000	50,854	79,405	1,741	91,245
West Virginia.....	138,022	1,749	653	23,413	14,810	2,193	12,317	86,054	27,711	56,117	2,226	11,343
North Carolina.....	91,407	9,483	17,731	10,145	300	9,845	49,638	28,586	25,183	589	4,410	21,726
South Carolina.....	109,234	583	14,351	41,342	22,772	18,570	31,232	17,558	13,413	3,661	1,013	37,256
Georgia.....	205,637	13,468	33,160	38,836	29,478	7,309	22,169	36,862	15,534	15,334	1,013	37,256
Florida.....	405,319	425	9,790	104,043	155,185	202	184,983	61,140	39,312	17,185	4,643	44,786
EAST SOUTH CENTRAL:												
Kentucky.....	280,481	138,177	93,937	6,427	16,643	15,567	1,076	59,789	34,456	24,201	1,132	5,488
Tennessee.....	366,478	157,387	24,367	107,873	84,284	24,369	64,124	42,000	20,616	1,418	7,371	47,936
Alabama.....	123,327	9,836	5,171	16,269	11,326	573	10,753	32,789	15,999	12,339	881	47,936
Mississippi.....	64,161	27,258	9,660	2,567	239	239	2,328	21,508	12,462	8,887	159	3,168
WEST SOUTH CENTRAL:												
Arkansas.....	59,973	860	113	5,416	10,702	5,333	5,369	33,736	19,138	13,271	1,327	9,146
Louisiana.....	495,593	1,235	169,901	48,479	151,455	1,163	150,322	87,733	56,339	31,266	168	36,760
Oklahoma.....	265,195	40,659	300	86,291	28,075	19,256	8,819	103,019	62,035	37,679	3,305	6,851
Texas.....	744,107	115,283	190,298	127,464	57,289	46,136	11,153	106,360	63,038	31,127	1,833	147,413
MOUNTAIN:												
Montana.....	526,969	172,808	30,754	9,835	189,090	42,702	146,388	111,891	32,936	75,214	3,741	12,591
Idaho.....	303,206	254,826	561	842	2,261	2,261	42,738	12,268	27,704	2,766	1,978	1,978
Wyoming.....	78,383	40,650	513	450	450	450	35,443	7,926	26,248	1,269	1,840	1,840
Colorado.....	949,524	445,706	170,055	99,829	102,021	99,892	2,129	120,919	53,510	40,672	26,737	10,994
New Mexico.....	2,900	5,183	5,183	5,183	5,183	5,183	24,346	15,612	15,077	663	5,613	5,613
Arizona.....	60,701	15,408	1,165	3,948	6,066	6,066	30,586	9,590	18,517	2,179	3,528	3,528
Utah.....	203,095	67,997	41,421	2,977	41,497	16,899	24,598	37,060	18,155	18,070	835	12,143
Nevada.....	63,728	13,745	33,281	652	652	652	13,791	4,508	8,874	409	2,259	2,259
PACIFIC:												
Washington.....	2,162,995	579,618	237,364	137,822	533,187	516,704	16,483	169,261	86,033	76,535	6,693	505,743
Oregon.....	487,826	241,747	12,643	8,049	156,079	149,480	6,599	58,908	33,068	23,985	1,855	10,400
California.....	1,922,119	565,649	549,659	160,551	289,458	242,598	46,860	270,562	181,829	80,909	7,825	86,239

butter reported, each reporting roughly two-thirds as large a total of commercial stocks as the Middle Atlantic division. Among the individual states, New York ranks first in stocks reported, Massachusetts second, Illinois third, and Pennsylvania fourth. Considerably more than one-half of the total commercial stocks of butter in the country were reported from these four states. The geographic distribution of these stocks is given by groups and classes of firms in Table 3. Diagram 2 shows the distribution of the total stocks of butter by geographic divisions, while Diagram 3 represents the stocks of butter reported for the eighteen most important states.

DIAGRAM 2.—STOCKS OF BUTTER REPORTED FOR JANUARY 1, 1918.
BY GEOGRAPHIC DIVISIONS.

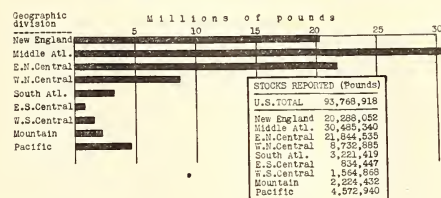
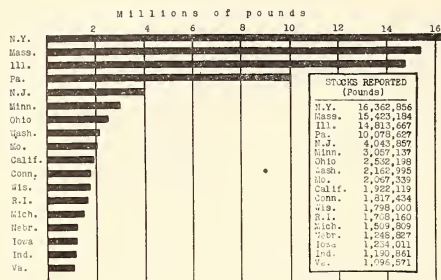


Table 4.—Comparative figures for butter, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		CREAMERIES.		COLD STORAGE.		MEAT PACKERS.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States.....	Pounds. 81,314,453	Pounds. 85,809,554	Pounds. 9,838,622	Pounds. 9,691,722	Pounds. 40,074,623	Pounds. 43,264,023	Pounds. 4,857,400	Pounds. 4,778,019	Pounds. 14,786,022	Pounds. 14,308,242	Pounds. 7,461,397	Pounds. 8,359,541
GEOGRAPHIC DIVISIONS:												
New England.....	18,358,701	19,421,312	385,452	602,453	12,546,016	12,986,814	937,151	983,891	2,042,986	2,290,438	1,554,551	2,133,404
Middle Atlantic.....	27,969,062	26,660,033	903,497	624,323	15,667,977	14,867,140	934,100	733,732	7,105,478	6,487,944	2,191,715	2,412,740
East North Central.....	16,198,840	22,067,532	2,807,648	2,856,720	7,128,839	11,711,789	1,565,999	1,604,366	2,309,734	2,208,591	1,300,143	1,424,492
West North Central.....	7,890,087	8,246,430	3,188,558	3,522,093	2,182,582	1,831,095	341,089	498,059	999,754	753,318	992,652	944,330
South Atlantic.....	2,807,062	2,084,506	172,274	89,521	1,022,707	500,239	345,468	322,873	658,836	596,340	381,224	362,457
East South Central.....	705,999	352,125	169,901	89,353	195,616	17,994	54,302	46,798	108,431	65,813	126,291	115,604
West South Central.....	1,356,037	1,616,987	147,758	167,307	347,366	499,785	263,604	246,116	226,099	387,605	209,364	204,980
Mountain.....	1,860,713	1,639,586	798,024	688,078	213,296	155,917	147,551	152,948	342,926	257,538	323,477	351,073
Pacific.....	4,167,656	3,721,453	1,265,210	1,050,974	770,224	634,250	305,186	189,236	878,214	1,014,200	381,980	410,816
NEW ENGLAND:												
Maine.....	608,537	188,662	48,231	27,156	393,901	11,175	29,455	22,989	16,469	17,681	94,602	99,665
New Hampshire.....	296,005	215,194	4,907	6,453	.....	.....	36,639	52,361	132,622	69,374	79,005	79,256
Vermont.....	315,789	488,716	221,936	411,303	9,844	650	4,281	2,005	13,733	10,363	41,295	47,303
Massachusetts.....	14,668,571	16,099,042	94,384	153,282	10,960,596	12,027,088	640,962	727,244	1,649,327	1,702,760	925,972	1,171,856
Rhode Island.....	1,634,479	1,346,740	.....	.....	1,181,675	947,901	51,732	35,765	228,305	183,976	152,971	156,216
Connecticut.....	834,720	1,082,958	15,994	24,259	.....	.....	174,062	143,527	362,530	306,284	260,706	578,653
MIDDLE ATLANTIC:												
New York.....	15,024,592	13,142,625	372,531	247,006	7,718,523	6,305,789	478,568	373,531	4,634,360	3,858,144	1,069,815	1,217,617
New Jersey.....	3,774,908	4,447,286	11,810	13,666	2,979,930	3,579,290	112,186	55,844	335,403	353,240	280,382	317,173
Pennsylvania.....	9,169,562	9,070,122	519,156	363,651	4,969,524	4,982,061	343,346	304,357	2,135,715	2,276,560	841,518	877,950
EAST NORTH CENTRAL:												
Ohio.....	2,132,545	2,240,053	389,726	328,901	920,762	1,152,786	85,183	34,248	300,843	295,418	250,414	282,563
Indiana.....	935,595	801,769	190,962	188,389	1,000	8,743	6,323	566,293	447,565	130,253	137,594	137,994
Illinois.....	10,197,266	15,894,615	711,369	758,564	5,882,553	10,171,528	1,428,731	1,506,585	1,124,400	1,178,749	456,645	492,668
Michigan.....	1,333,861	1,355,400	603,344	553,180	66,388	74,136	37,667	51,095	211,579	226,961	294,760	319,362
Wisconsin.....	1,599,573	1,775,095	912,247	1,027,686	258,136	313,339	5,675	6,115	106,619	59,598	168,071	192,305
WEST NORTH CENTRAL:												
Minnesota.....	2,788,914	2,368,935	1,541,347	1,396,529	741,213	348,820	27,687	23,105	194,195	339,298	202,635	202,979
Iowa.....	1,121,830	1,250,036	492,295	525,271	52,024	90,962	42,747	89,426	206,540	178,977	193,039	184,274
Missouri.....	1,928,794	1,467,326	308,313	343,043	1,036,049	549,889	66,876	62,614	164,957	210,684	171,258	160,066
North Dakota.....	172,590	129,887	53,564	29,310	.....	.....	502	618	24,020	10,123	90,139	85,984
South Dakota.....	206,753	106,216	172,280	.....	.....	.....	294	23	23,064	2,682	71,267	61,152
Nebraska.....	1,132,189	2,164,919	498,912	898,029	313,147	851,424	66,813	65,902	105,347	216,421	127,319	124,083
Kansas.....	543,017	608,052	188,211	158,531	40,149	40,000	139,180	256,394	35,195	23,629	136,995	128,792
SOUTH ATLANTIC:												
Delaware.....	44,107	52,994	1,814	2,858	680	243	4,581	6,570	13,868	22,736	20,392	17,517
Maryland.....	711,464	413,999	120,215	53,750	256,113	88,060	55,052	31,483	190,752	145,933	43,813	47,928
District of Columbia.....	322,019	258,164	.....	.....	191,944	135,000	18,546	39,418	27,189	17,661	35,723	29,757
Virginia.....	945,947	635,447	25,908	14,341	530,967	261,000	48,529	34,124	176,393	187,837	87,959	73,486
West Virginia.....	97,898	77,957	1,356	857	653	1,881	18,684	7,362	11,612	4,797	60,122	56,843
North Carolina.....	65,636	58,052	9,483	7,299	.....	.....	12,731	4,782	7,502	7,592	53,025	33,452
South Carolina.....	78,023	50,313	.....	.....	.....	.....	13,587	5,436	20,193	19,029	20,380	.....
Georgia.....	174,744	168,479	13,498	10,416	32,860	17,125	29,715	51,727	27,516	19,558	39,749	35,974
Florida.....	367,520	369,501	.....	.....	9,490	5,330	104,043	141,951	179,521	170,102	41,412	45,120
EAST SOUTH CENTRAL:												
Kentucky.....	232,073	112,689	132,222	41,853	33,557	5,000	6,413	3,708	14,931	14,996	41,234	40,410
Tennessee.....	319,827	110,388	5,236	8,686	156,888	9,349	23,757	21,968	80,786	27,522	47,509	39,161
Alabama.....	10,959	81,054	9,836	16,899	5,171	3,645	14,604	14,781	10,596	18,494	23,475	21,970
Mississippi.....	49,110	47,994	22,607	21,915	.....	.....	9,528	6,341	2,118	4,801	14,073	14,063
WEST SOUTH CENTRAL:												
Arkansas.....	44,600	50,407	860	633	113	.....	5,416	6,921	9,988	11,020	20,430	17,469
Louisiana.....	430,680	734,771	1,235	480	166,301	250,135	45,604	83,284	150,169	318,001	53,102	62,139
Oklahoma.....	212,813	270,638	37,718	51,142	300	63,210	86,291	86,793	21,722	9,312	61,002	54,267
Texas.....	667,944	501,171	107,945	115,052	180,652	186,440	126,293	69,118	44,310	49,272	74,830	71,105
MOUNTAIN:												
Montana.....	435,843	296,862	143,647	37,133	94	.....	8,333	16,728	188,415	153,096	85,607	79,411
Idaho.....	119,174	137,370	82,419	84,153	561	10,106	566	76	2,212	2,712	32,086	38,951
Wyoming.....	62,770	45,194	34,020	19,227	.....	.....	.....	.....	450	640	27,019	24,400
Colorado.....	320,866	221,238	441,867	455,107	170,055	116,450	99,829	127,302	100,621	79,325	100,832	135,262
New Mexico.....	25,917	23,115	.....	.....	.....	.....	1,684	2,886	4,568	4,293	18,008	14,705
Arizona.....	47,296	60,462	15,408	25,119	1,165	.....	2,005	1,171	4,703	6,320	23,816	24,479
Utah.....	191,105	124,781	67,967	53,484	41,421	27,356	2,808	705	41,445	10,308	26,334	22,860
Nevada.....	57,742	30,564	12,696	13,853	.....	.....	33,281	4,080	512	244	9,775	11,005
PACIFIC:												
Washington.....	2,034,698	1,482,817	565,909	352,552	215,473	112,133	136,863	97,569	502,163	442,072	120,929	119,881
Oregon.....	397,568	462,744	179,682	153,936	6,822	4,148	8,040	11,299	150,542	240,311	43,511	45,970
California.....	1,735,390	1,775,892	519,019	544,486	547,929	517,969	160,283	120,368	225,509	331,817	217,540	244,965

*Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 4,296,389 pounds; for 1917, 5,408,007 pounds.

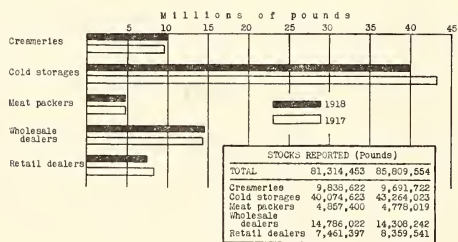
DIAGRAM 3.—STOCKS OF BUTTER REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

The commercial stocks of butter on the date of the Survey as compared with those of a year earlier are given, by classes of business, in the last three columns of Table 1, while Table 4 gives comparative figures also by geographic divisions and states. According to these figures, which were taken from schedules giving information for both dates, the cold storages and the retail dealers reported materially decreased stocks, while the creameries and the wholesale dealers reported slightly larger stocks. The total stocks on the date of the Survey were equal to 94.8 per cent of those of a year earlier. The comparative stocks of butter are shown graphically by classes of business in Diagram 4.

DIAGRAM 4.—STOCKS OF BUTTER REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.



COMMERCIAL STOCKS OF ICE CREAM.

The commercial stocks of ice cream reported in the Food Survey of January 1, 1918, amounted to 638,305 gallons. Of this amount the manufacturers, including confectioners as well as ice cream manufacturers, held nearly 75 per cent. The cold storages held less than 1 per cent, the wholesale dealers 2 per cent, and the retail dealers 4.8 per cent. The stocks of ice cream reported are shown, by classes of business, in the first column of Table 5, while the relative importance of the stocks reported by each class of business concerns is shown in graphic form in Diagram 5.

The number of firms reporting stocks of ice cream is shown in Table 6.

Table 5.—Stocks of ice cream reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total	Gallons. 638,305	Gallons. 553,938	101.6	Gallons. 544,979
Manufacturers.....	477,677	422,431	103.7	407,496
Confectioners.....	109,588	89,919	88.5	101,570
<i>Ice cream manufacturers</i>	368,089	332,512	108.7	305,926
Cold storages.....	4,142	3,825	143.9	2,659
Wholesale dealers.....	12,531	11,238	90.7	12,394
Retail dealers.....	30,834	22,296	58.9	37,886
Miscellaneous.....	113,121	94,148	111.4	84,544

DIAGRAM 5.—DISTRIBUTION OF TOTAL STOCKS OF ICE CREAM REPORTED FOR JANUARY 1, 1918.

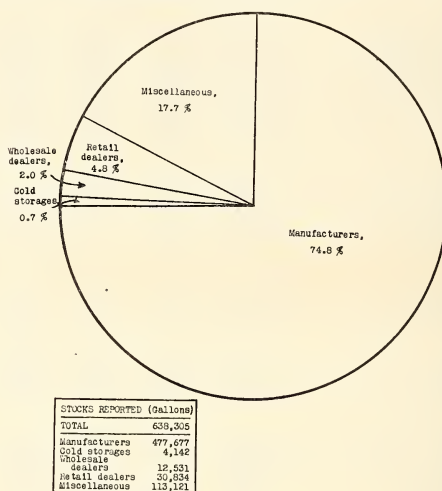


Table 6.—Number of firms reporting ice cream, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	10,335	7,259
Manufacturers.....	4,286	3,202
Confectioners.....	3,201	2,346
<i>Ice cream manufacturers</i>	1,085	856
Cold storages.....	26	21
Wholesale dealers.....	84	57
Retail dealers.....	2,185	1,359
Miscellaneous.....	3,754	2,620

Geographic Distribution and Comparative Figures.

The geographic distribution of the stocks of ice cream reported is shown in the first column of Table 7. Considerably more than one-half of the total stocks, it may be noticed, were reported from two geographic divisions, namely, the Middle Atlantic and the East North Central. Among the individual states New York far outranked all others in total stocks of ice cream, Pennsylvania ranking second, Illinois third, and Ohio fourth.

Comparative figures for stocks held on the date of the Survey, as compared with those on hand one year earlier, are given, by classes of business, in the last three columns of Table 5, and are shown by geographic divisions and states in Table 7. The retail dealers, it may be noticed, reported greatly decreased stocks for the date of the Survey as compared with the earlier date, while the wholesale dealers reported a more moderate decrease. The manufacturers, the miscellaneous group of dealers, and the cold storages, on the other hand, reported increased stocks. The total stocks of ice cream on the date of the Survey were 1.6 per cent larger than the stocks on hand January 1, 1917.

Table 7.—Stocks of ice cream reported for January 1, 1918, with comparative figures for January 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.	
		1918 stocks.	1917 stocks.
United States	Gallons. 638,305	Gallons. 553,938	Gallons. 544,979
GEOGRAPHIC DIVISIONS:			
New England.....	61,104	54,075	52,639
Middle Atlantic.....	217,381	188,613	226,391
East North Central.....	156,136	138,517	123,564
West North Central.....	58,827	51,104	48,868
South Atlantic.....	64,937	52,694	41,784
East South Central.....	11,223	8,508	7,827
West South Central.....	29,045	25,577	15,843
Mountain.....	11,890	10,196	7,642
Pacific.....	27,762	24,564	20,421
NEW ENGLAND:			
Maine.....	3,460	2,257	1,711
New Hampshire.....	2,502	2,391	3,078
Vermont.....	1,264	1,154	862
Massachusetts.....	29,416	25,211	23,085
Rhode Island.....	6,065	5,395	5,393
Connecticut.....	18,367	17,467	18,510
MIDDLE ATLANTIC:			
New York.....	113,586	97,666	119,783
New Jersey.....	20,228	17,761	19,053
Pennsylvania.....	83,567	73,186	87,555
EAST NORTH CENTRAL:			
Ohio.....	38,603	35,940	33,918
Indiana.....	15,574	12,528	12,708
Illinois.....	68,814	58,815	52,541
Michigan.....	20,924	17,894	14,432
Wisconsin.....	14,221	13,340	9,965
WEST NORTH CENTRAL:			
Minnesota.....	17,284	15,563	15,185
Iowa.....	14,655	12,478	14,508
Missouri.....	12,522	11,621	10,982
North Dakota.....	1,930	1,218	713
South Dakota.....	1,811	1,596	1,071
Nebraska.....	6,830	5,384	3,280
Kansas.....	3,775	3,244	3,129
SOUTH ATLANTIC:			
Delaware.....	634	490	372
Maryland.....	17,852	15,088	13,294
District of Columbia.....	13,064	13,224	7,371
Virginia.....	10,451	9,330	8,615
West Virginia.....	5,346	4,904	5,963
North Carolina.....	1,500	715	937
South Carolina.....	5,314	379	347
Georgia.....	7,934	6,087	3,332
Florida.....	2,242	1,877	1,553
EAST SOUTH CENTRAL:			
Kentucky.....	2,958	1,839	1,888
Tennessee.....	4,405	3,736	4,266
Alabama.....	3,439	2,755	1,437
Mississippi.....	421	268	236
WEST SOUTH CENTRAL:			
Arkansas.....	3,622	3,303	2,184
Louisiana.....	2,904	2,465	2,143
Oklahoma.....	6,318	6,017	2,726
Texas.....	16,201	13,792	8,790
MOUNTAIN:			
Montana.....	1,735	1,637	859
Idaho.....	484	409	199
Wyoming.....	736	675	729
Colorado.....	6,349	5,752	4,496
New Mexico.....	80	50	44
Arizona.....	835	589	587
Utah.....	1,615	1,028	694
Nevada.....	52	47	34
PACIFIC:			
Washington.....	4,600	4,122	2,913
Oregon.....	4,635	4,168	2,363
California.....	18,518	16,274	15,145

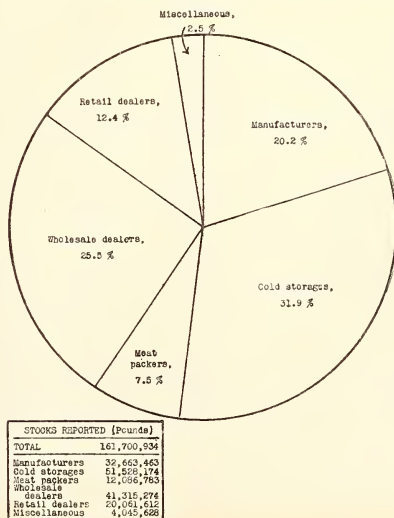
COMMERCIAL STOCKS OF CHEESE.

The stocks of cheese in commercial channels reported in the Food Survey of January 1, 1918, amounted to 161,700,934 pounds. Of this total the manufacturers held roughly one-fifth; the cold storages, nearly one-third; the wholesale dealers, one-fourth; and the retail dealers, one-eighth. Only 7.5 per cent of the total was held by the meat packers, and a miscellaneous group of firms held 2.5 per cent. The total stocks reported are shown by classes of business in the first column of Table 8, while the distribution by classes of business is represented graphically in Diagram 6. The number of business concerns reporting this commodity is shown by groups and classes of firms in Table 10.

Table 8.—Stocks of cheese reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total	Pounds. 161,700,934	Pounds. 128,742,813	130.2	Pounds. 98,884,198
Manufacturers.....	32,663,463	29,069,420	117.1	24,829,027
Creameries.....	7,590,103	7,566,459	115.4	6,553,758
Cheese manufacturers.....	24,673,360	21,502,961	117.7	18,275,269
Cold storages.....	51,528,174	32,570,062	178.0	18,300,324
Meat packers.....	12,086,783	11,691,178	132.6	8,818,293
Wholesale dealers.....	41,315,274	35,749,074	117.7	30,362,869
Wholesale dealers in butter, eggs, and cheese.....	20,826,152	17,916,619	119.7	14,966,081
Creameries.....	16,997,355	14,902,741	115.6	12,839,407
Other wholesale dealers.....	3,494,767	2,929,714	116.8	2,507,381
Retail dealers.....	20,061,612	16,102,576	118.7	13,562,307
Retail grocers.....	13,141,988	10,651,614	120.1	8,871,796
General stores.....	6,348,461	5,067,334	115.4	4,392,533
Other retail dealers.....	571,163	383,628	128.7	297,978
Miscellaneous.....	4,045,628	3,560,503	118.2	3,011,378

DIAGRAM 6.—DISTRIBUTION OF TOTAL STOCKS OF CHEESE REPORTED FOR JANUARY 1, 1918.



Geographic Distribution of Stocks Reported.

The distribution of the stocks of cheese is shown by geographic divisions as well as by states in Table 9. The Middle Atlantic and the East North Central divisions, it may be noticed, each reported about one-third of the total stocks of cheese in the country. In general, as the table indicates, the Southern states reported relatively small stocks of this commodity. The distribution of these stocks by geographic divisions is shown in graphic form in Diagram 7, while Diagram 8 shows the stocks of cheese reported for the eighteen most important states.

DIAGRAM 7.—STOCKS OF CHEESE REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

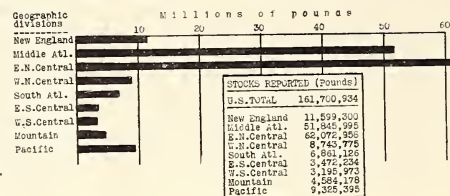


Table 9.—Stocks of cheese reported for January 1, 1918, by classes of business,

GEOGRAPHIC DIVISION AND STATE.	MANUFACTURERS.						WHOLESALE DEALERS.			
	TOTAL.	Total.		Cold storages.	Meat packers.	Total.	Wholesale dealers in butter, eggs, and cheese.		Wholesale grocers.	Other wholesale dealers.
		Pounds.	Pounds.				Pounds.	Pounds.		
UNITED STATES.	161,700,934	32,663,463	7,990,103	24,673,360	51,528,174	12,086,783	41,315,274	20,826,152	16,997,355	3,491,767
GEOGRAPHIC DIVISIONS:										
New England.	11,599,300	570,255	233,131	337,124	4,056,418	1,438,555	3,587,387	1,992,495	1,202,801	392,091
Middle Atlantic.	51,945,995	9,956,362	4,141,170	5,815,192	16,788,594	2,346,973	16,023,631	9,034,812	5,560,101	1,428,718
East North Central.	62,072,958	17,335,390	563,083	16,772,307	24,348,274	2,124,773	13,002,477	8,019,954	4,452,231	529,862
West North Central.	8,743,775	385,033	195,629	189,404	1,282,829	1,844,063	2,209,899	502,451	1,536,281	171,167
South Atlantic.	6,861,126	67,604	27,738	39,866	1,017,462	1,504,648	1,733,073	173,215	1,321,317	258,541
East South Central.	3,472,234	689,009	473	73	545,009	545,360	1,001,773	62,684	815,382	123,697
West South Central.	3,195,973	2,353	473	73	419,967	789,487	320,793	4,176	665,741	150,878
Mountain.	4,584,178	2,040,311	1,758,295	282,016	152,516	573,784	711,322	120,759	352,542	238,021
Pacific.	9,325,395	1,617,056	381,485	1,235,571	2,917,105	917,140	2,225,347	915,596	1,090,959	218,792
NEW ENGLAND:										
Maine.	693,293	1,000	1,000	---	125,054	169,036	115,553	292	98,867	16,394
New Hampshire.	623,223	287,555	25,139	262,416	---	53,167	118,354	6,445	107,543	4,366
Vermont.	428,606	77,778	18,210	59,568	22,164	42,200	129,175	---	103,625	25,550
Massachusetts.	7,980,377	190,723	178,583	12,140	3,692,847	1,821,287	2,458,396	1,504,856	673,993	279,747
Rhode Island.	661,256	120	120	---	215,706	99,360	220,716	84,412	104,991	31,313
Connecticut.	1,212,545	13,079	10,079	3,000	---	647	544,993	396,490	113,782	34,721
MIDDLE ATLANTIC:										
New York.	34,923,209	5,888,235	709,261	5,178,974	12,386,414	1,228,886	11,315,498	6,878,956	3,108,898	1,327,644
New Jersey.	2,463,758	149,731	18,771	130,960	1,422,416	222,960	532,408	376,281	157,856	11,114
Pennsylvania.	14,059,028	3,918,396	3,413,138	505,258	2,979,764	895,127	4,175,723	1,779,375	2,306,220	89,390
EAST NORTH CENTRAL:										
Ohio.	5,893,865	833,662	148,044	685,618	1,862,361	210,109	1,905,090	563,552	1,307,899	33,639
Indiana.	725,580	43,905	15,346	30,559	3,524	24,257	320,632	52,270	219,211	49,151
Illinois.	27,229,861	1,496,731	36,330	1,460,392	17,230,018	1,515,438	3,005,150	2,501,439	2,317,365	276,346
Michigan.	3,039,563	999,673	135,113	864,565	296,457	213,547	676,450	267,094	286,531	122,825
Wisconsin.	25,184,089	13,961,414	230,241	13,731,173	4,935,914	161,422	5,004,725	4,635,599	321,225	47,901
WEST NORTH CENTRAL:										
Minnesota.	2,686,243	249,640	157,011	92,629	696,670	351,041	600,485	70,169	449,099	81,217
Iowa.	1,715,378	46,640	14,424	32,216	34,137	343,258	586,231	124,207	437,801	24,223
Missouri.	1,680,767	57,210	9,394	47,816	428,410	260,043	387,561	63,609	306,748	17,204
North Dakota.	298,674	503	503	---	---	47,779	41,500	1,897	36,154	3,449
South Dakota.	406,271	---	---	---	28,914	105,409	80,562	5,768	43,763	31,031
Nebraska.	1,018,420	28,280	13,580	14,700	88,938	171,031	439,799	236,485	193,713	9,601
Kansas.	938,019	2,751	711	2,040	10,760	563,502	75,761	316	69,006	4,442
SOUTH ATLANTIC:										
Delaware.	133,082	23,689	23,664	25	21,616	18,210	20,349	2,927	17,272	150
Maryland.	980,972	27,081	3,800	23,281	196,482	229,627	289,814	43,198	166,163	80,453
District of Columbia.	212,893	---	---	---	38,779	27,716	51,951	17,119	1,306	3,326
Virginia.	1,829,612	2,674	274	2,400	541,209	311,655	524,799	69,049	394,089	61,661
West Virginia.	377,059	---	---	---	16,350	64,082	113,566	569	109,886	3,111
North Carolina.	834,329	14,160	---	14,160	8,386	209,320	228,525	---	210,675	17,850
South Carolina.	515,145	---	---	---	---	164,431	114,774	4,082	90,147	20,455
Georgia.	1,686,927	---	---	---	173,082	364,759	288,145	---	252,784	35,361
Florida.	291,107	---	---	---	1,538	114,848	101,150	6,271	78,995	15,884
EAST SOUTH CENTRAL:										
Kentucky.	1,225,010	688,445	688,445	---	99,175	49,510	191,232	62,549	114,246	14,437
Tennessee.	1,469,506	---	---	---	430,239	283,459	387,448	125	537,743	49,580
Alabama.	456,347	14	14	---	15,593	137,119	121,267	20	63,270	57,977
Mississippi.	321,281	640	640	---	---	75,272	101,826	---	100,123	1,703
WEST SOUTH CENTRAL:										
Arkansas.	673,354	---	---	---	---	113,231	105,214	357	80,717	24,140
Louisiana.	749,358	---	---	---	233,493	222,965	124,556	225	122,781	1,550
Oklahoma.	268,619	2,353	473	1,880	775	39,376	46,572	80	28,273	18,219
Texas.	1,504,642	---	---	---	185,699	413,915	544,453	3,514	433,970	106,969
MOUNTAIN:										
Montana.	708,860	47,468	29,940	17,528	---	79,177	312,203	37,581	98,133	176,489
Idaho.	423,361	245,132	140,624	104,508	22,865	5,125	35,872	---	34,510	1,362
Wyoming.	296,088	150,598	64,150	86,448	891	5,237	11,765	---	11,765	---
Colorado.	1,998,345	1,293,519	1,283,138	10,381	4,605	230,598	156,218	72,770	65,081	18,367
New Mexico.	132,978	---	---	---	5,691	1,135	14,029	---	13,794	29
Arizona.	239,115	137,337	137,337	---	48,092	14,716	14,716	---	11,944	2,772
Utah.	646,526	165,252	102,101	63,151	68,674	126,013	164,070	10,408	114,866	38,796
Nevada.	118,905	1,005	1,005	---	---	80,407	2,449	---	2,449	---
PACIFIC:										
Washington.	1,545,971	176,782	115,303	61,479	190,545	229,071	398,432	263,085	67,097	68,250
Oregon.	1,107,047	611,560	151,516	460,044	33,366	50,861	221,152	119,914	63,639	37,599
California.	6,672,377	828,714	114,666	714,048	2,691,194	637,208	1,605,763	532,597	960,223	112,943

Comparative Figures for 1918 and 1917.

The comparative stocks for the date of the Survey and for one year earlier are given for each class of business in the last three columns of Table 8. These comparative figures are also given by geographic divisions and states in Table 11. All classes of business, it may be noticed, showed an increase in stocks for the date of the Survey as compared with January 1, 1917. These increases vary from 15 to 78 per cent. The total stocks of cheese on hand January 1, 1918, represented an increase of 30.2 per cent over those of January 1, 1917. The comparative stocks on the two dates are represented graphically, by classes of business, in Diagram 9.

for geographic divisions and states:

RETAIL DEALERS.					Miscellaneous.
Total.	Retail grocers.	General stores.	Other retail dealers.		
Pounds. 20,061,612	Pounds. 13,141,988	Pounds. 6,348,461	Pounds. 571,163	Pounds. 4,045,628	
1,759,730	1,365,041	356,707	37,982	186,955	
5,686,994	4,550,500	1,013,960	122,544	1,043,441	
4,320,433	3,186,810	982,827	150,796	942,041	
2,241,616	1,047,699	1,082,267	111,650	780,335	
2,267,499	740,918	1,440,400	29,181	270,840	
639,455	348,861	282,563	8,031	51,538	
940,147	626,473	292,756	20,918	223,224	
1,056,640	396,796	607,612	52,232	47,605	
1,149,098	821,890	289,369	37,839	499,649	
262,104	160,444	92,296	9,364	20,546	
156,916	102,347	52,743	1,826	7,231	
154,444	70,237	76,847	7,360	2,845	
718,359	628,510	79,586	10,263	107,565	
122,210	111,900	8,730	1,580	3,144	
345,697	291,603	46,505	7,589	45,624	
3,355,321	2,968,657	357,720	28,944	748,855	
485,105	419,969	54,769	10,367	51,138	
1,846,568	1,161,874	601,471	83,223	243,448	
910,166	697,468	170,065	42,633	172,477	
305,970	232,680	58,081	15,199	27,242	
1,290,049	959,009	301,971	38,066	573,475	
719,099	502,827	189,629	26,643	134,332	
1,086,149	794,816	263,078	28,255	34,465	
595,243	269,132	294,481	31,630	193,164	
555,904	268,666	258,621	28,617	147,208	
317,370	248,477	59,318	9,575	230,173	
201,557	36,362	153,229	11,966	7,335	
178,689	33,569	136,676	8,443	12,701	
213,942	121,604	121,604	7,475	81,421	
178,912	106,630	58,338	13,944	108,333	
48,514	30,415	8,557	9,542	704	
165,105	91,411	70,392	3,302	72,863	
61,881	59,599	547	1,735	12,566	
389,677	211,575	175,592	2,510	59,598	
159,162	64,552	91,147	3,463	23,899	
342,793	112,690	227,365	2,738	31,145	
229,477	64,960	162,894	1,623	6,463	
806,707	125,514	678,232	2,961	54,234	
64,183	37,202	25,674	1,307	9,368	
183,579	140,679	38,640	4,260	13,069	
138,980	91,650	65,249	2,081	9,470	
171,617	65,187	105,149	1,281	10,735	
125,279	51,345	73,525	409	18,264	
438,962	362,427	75,083	1,452	15,947	
115,660	48,596	63,482	3,582	52,684	
118,686	71,918	35,971	10,797	60,857	
266,839	143,532	118,220	5,087	93,736	
262,600	76,865	180,301	5,434	7,412	
97,579	33,274	62,863	1,442	16,788	
126,552	23,434	101,699	1,419	1,045	
306,075	176,888	94,544	34,643	7,240	
18,376	15,311	42,133	932	4,047	
54,390	14,967	33,807	5,616	4,580	
117,693	45,204	70,073	2,416	4,824	
33,375	10,853	22,192	330	1,669	
262,314	139,035	106,728	16,551	288,827	
147,968	84,770	58,628	4,570	40,140	
738,816	598,085	124,013	16,718	170,682	

DIAGRAM 8.—STOCKS OF CHEESE REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.

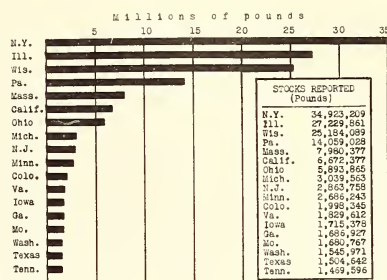


DIAGRAM 9.—STOCKS OF CHEESE REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

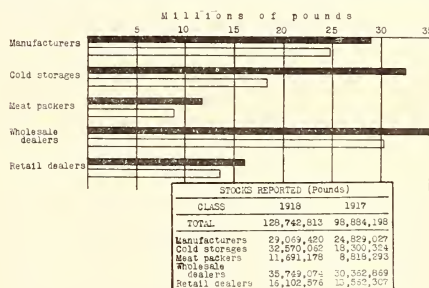


Table 10.—Number of firms reporting cheese by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	188,982	133,595
Manufacturers.....	2,475	1,936
Creameries.....	427	427
Cheese manufacturers.....	1,877	1,509
Cold storages.....	251	184
Meat packers.....	990	907
Wholesale dealers.....	5,273	4,239
Wholesale dealers in butter, eggs, and cheese.....	1,185	903
Wholesale grocers.....	3,379	2,897
Other wholesale dealers.....	709	439
Retail dealers.....	169,092	118,883
Retail grocers.....	104,534	73,117
General stores.....	57,706	42,029
Other retail dealers.....	6,852	3,737
Miscellaneous.....	10,901	7,446

Table 11.—Comparative figures for cheese, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MANUFACTURERS.		COLD STORAGE.		MEAT PACKERS.		WHOLESALE DEALERS		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds. 128,742,813	Pounds. 98,884,198	Pounds. 29,069,420	Pounds. 24,829,027	Pounds. 32,570,062	Pounds. 18,300,324	Pounds. 11,691,178	Pounds. 8,818,293	Pounds. 35,749,074	Pounds. 30,362,869	Pounds. 16,102,576	Pounds. 13,562,307
United States.												
GEOG. DIVISIONS:												
New England.....	10,372,909	10,272,666	504,562	221,241	4,049,818	4,176,305	1,408,822	1,217,599	2,852,741	3,062,964	1,393,811	1,479,054
Middle Atlantic.....	42,660,977	31,265,024	9,391,635	8,653,522	12,343,042	5,333,740	2,184,045	1,331,882	13,237,513	11,155,901	4,648,154	4,024,188
E. N. Central.....	43,686,666	33,229,851	14,912,500	13,035,881	10,173,628	4,986,228	2,108,754	1,844,399	12,127,462	9,671,523	3,482,223	2,767,093
W. N. Central.....	7,837,682	5,773,673	320,372	176,100	1,281,799	397,320	1,832,816	1,180,903	1,842,018	1,737,226	1,809,550	1,688,469
South Atlantic.....	5,919,974	4,627,821	36,037	17,386	918,430	1,073,618	1,425,466	995,033	1,536,229	1,280,652	1,771,520	1,075,387
E. S. Central.....	3,142,857	1,907,378	688,459	230,981	472,752	236,636	541,522	294,889	927,974	708,751	468,082	402,959
W. S. Central.....	2,742,334	1,725,866	473	166	401,920	207,667	784,393	553,103	689,948	449,437	730,577	399,989
Mountain.....	4,053,024	3,346,677	1,864,636	1,245,130	132,035	177,181	487,132	432,223	666,401	726,619	867,353	740,011
Pacific.....	8,326,390	6,735,242	1,350,746	1,245,020	2,794,638	1,711,629	915,228	968,262	1,568,788	1,569,796	991,306	984,257
NEW ENGLAND:												
Maine.....	633,277	510,058	1,000	-----	119,174	65,075	169,036	111,459	106,503	97,932	128,347	216,737
New Hampshire.....	323,632	422,666	230,873	35,029	-----	-----	53,167	68,591	113,569	175,145	213,470	141,795
Vermont.....	397,791	381,990	71,988	7,854	22,164	9,300	42,200	80,301	129,033	137,166	130,240	144,435
Massachusetts.....	7,420,846	7,702,171	190,057	169,874	3,692,774	3,982,832	782,554	595,429	2,117,867	2,319,996	544,249	586,599
Rhode Island.....	620,208	481,924	-----	-----	215,706	119,098	99,360	73,842	203,585	187,704	98,754	97,413
Connecticut.....	777,155	773,857	10,644	8,848	-----	-----	262,505	287,977	182,184	145,021	278,751	292,085
MIDDLE ATLANTIC:												
New York.....	27,937,951	17,618,065	5,365,318	4,038,639	8,038,773	3,187,694	1,107,312	496,666	9,896,538	7,808,692	2,949,835	1,575,834
New Jersey.....	2,640,176	1,836,225	149,366	8,108	1,421,916	804,116	206,147	176,687	482,966	442,228	337,631	277,398
Pennsylvania.....	12,082,850	11,810,734	3,876,951	4,606,775	2,882,353	1,341,930	870,586	658,529	2,858,009	2,904,981	1,360,688	2,070,956
E. N. CENTRAL:												
Ohio.....	5,333,945	4,220,864	662,394	563,239	1,856,733	1,313,490	210,087	160,212	1,762,878	1,411,181	676,283	670,952
Indiana.....	634,206	643,475	40,455	44,365	-----	-----	22,159	20,191	315,449	330,471	290,903	214,559
Illinois.....	11,672,315	9,175,441	947,533	720,926	3,090,850	2,012,323	1,506,151	1,422,712	4,541,097	3,485,115	1,034,248	893,822
Michigan.....	2,637,565	1,960,402	917,354	739,886	292,131	110,820	209,061	140,969	517,552	346,717	504,924	522,322
Wisconsin.....	23,408,635	17,229,669	12,344,764	10,967,465	4,935,914	1,549,595	161,296	100,315	4,990,486	4,098,039	945,865	466,338
W. N. CENTRAL:												
Minnesota.....	2,451,568	1,346,299	196,052	88,767	696,190	144,845	351,041	131,824	532,275	388,102	486,167	448,698
Iowa.....	1,585,085	1,353,584	38,824	19,883	34,137	8,778	345,258	227,257	576,795	594,687	458,987	408,108
Missouri.....	1,550,195	1,216,943	54,543	55,737	428,410	184,373	254,609	173,530	355,171	381,479	232,889	240,647
North Dakota.....	264,999	225,601	-----	-----	-----	-----	47,779	26,006	35,474	42,964	171,458	147,387
South Dakota.....	345,351	258,685	-----	-----	28,014	2,028	103,451	63,924	57,508	55,271	143,678	131,140
Nebraska.....	750,595	584,424	28,289	9,218	83,938	57,246	171,031	115,843	215,797	185,795	174,869	171,723
Kansas.....	890,589	790,135	2,664	2,475	10,210	50	562,647	441,099	65,998	89,628	141,502	140,766
SOUTH ATLANTIC:												
Delaware.....	81,228	51,208	25	40	21,616	544	18,210	4,429	13,613	8,703	27,229	37,168
Maryland.....	894,328	646,158	23,566	13,374	196,482	4,600	229,627	203,833	260,279	250,130	117,271	118,822
Dist. of Columbia.....	202,647	168,140	-----	-----	58,599	50,457	27,716	34,349	51,891	33,533	52,523	40,910
Virginia.....	1,573,379	2,086,499	2,400	1,000	443,515	930,400	300,446	329,368	493,704	508,272	276,505	254,536
West Virginia.....	320,191	251,888	-----	-----	16,350	9,800	58,541	39,235	107,131	82,862	119,212	109,029
North Carolina.....	653,174	435,184	10,046	2,972	8,386	24,791	191,990	57,034	176,999	152,810	238,701	188,339
South Carolina.....	400,708	213,420	-----	-----	-----	-----	150,988	37,627	85,751	35,614	161,038	137,799
Georgia.....	1,541,040	539,094	-----	-----	173,082	51,766	333,130	171,970	254,967	145,734	736,767	140,785
Florida.....	253,279	233,230	-----	-----	400	1,260	114,818	117,188	91,894	62,994	42,274	47,999
E. S. CENTRAL:												
Kentucky.....	1,163,777	609,445	688,445	230,981	97,675	45,000	48,116	20,761	174,125	194,868	144,128	106,741
Tennessee.....	1,332,355	867,561	-----	-----	359,482	189,987	283,459	168,003	564,904	380,589	116,615	198,682
Alabama.....	377,222	207,480	14	-----	15,595	1,649	134,675	48,285	96,972	51,246	121,236	98,283
Mississippi.....	269,503	282,892	-----	-----	-----	-----	75,272	57,840	91,973	82,048	86,103	78,253
W. S. CENTRAL:												
Arkansas.....	617,640	206,393	-----	-----	-----	-----	112,748	63,503	92,349	72,724	398,011	64,684
Louisiana.....	649,997	376,459	-----	-----	229,753	77,185	221,225	101,150	114,196	116,115	72,254	73,212
Oklahoma.....	214,073	208,865	473	166	775	-----	39,376	40,612	44,073	24,431	72,199	64,201
Texas.....	1,260,714	934,149	-----	-----	171,392	130,482	411,044	347,838	439,330	236,167	188,113	197,892
MOUNTAIN:												
Montana.....	639,696	669,056	39,287	10,869	-----	-----	78,997	113,790	303,686	331,635	212,021	207,572
Idaho.....	354,335	367,836	200,752	181,173	22,420	38,348	4,696	16,063	30,972	51,018	79,073	73,827
Wyoming.....	155,954	191,491	34,960	71,972	-----	-----	5,237	-----	11,498	13,041	103,559	105,752
Colorado.....	1,941,774	1,406,149	1,292,192	832,516	2,650	31,940	224,598	164,907	145,391	200,835	268,384	172,725
New Mexico.....	117,662	144,369	-----	-----	55,391	84,215	1,135	1,867	12,178	13,405	46,805	42,979
Arizona.....	238,803	116,375	137,337	17,293	-----	-----	47,942	42,881	11,667	13,052	40,400	41,394
Utah.....	495,887	398,662	159,103	134,278	51,574	22,678	44,120	63,547	145,560	100,265	93,357	76,180
Nevada.....	108,913	52,739	1,005	29	-----	-----	80,407	29,168	2,449	3,348	23,754	19,552
PACIFIC:												
Washington.....	1,357,198	1,070,493	163,566	139,862	98,774	22,044	227,159	177,317	377,148	332,500	204,003	223,631
Oregon.....	944,185	999,951	525,613	425,317	6,575	825	50,861	128,453	208,908	315,000	113,075	113,130
California.....	6,025,007	4,664,798	661,567	680,441	2,689,289	1,688,760	637,208	662,492	1,282,732	922,296	614,228	647,496

*Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 3,550,503 pounds; for 1917, 3,011,378 pounds.

COMMERCIAL STOCKS OF EGGS.

The stocks of eggs in commercial channels, as reported in the Food Survey of January 1, 1918, amounted to 601,536,711 dozens. Of this total the cold storages reported almost exactly one-half. The wholesale dealers reported slightly more than one-fifth of the total, and the retail dealers slightly more than one-seventh. The meat packers reported only 6.1 per cent of the total, and a miscellaneous group of firms held 7.2 per cent. The stocks reported by each group and class of firms are given in the first column of Table 12, and the stocks reported by each group are shown graphically in Diagram 10.

The number of schedules received and tabulated for eggs is shown in Table 13.

Table 12.—Stocks of eggs reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
	Dozens.	Dozens.		Dozens.
Total	61,536,711	53,170,657	133.1	39,957,369
Cold storages	30,824,871	28,419,934	149.1	19,061,258
Meat packers	3,734,334	3,525,390	141.1	2,498,701
Wholesale dealers	13,465,012	10,600,920	122.2	8,672,200
Wholesale dealers in butter, eggs, and cheese	10,512,712	8,350,123	120.6	6,923,674
Other wholesale dealers	2,952,300	2,250,797	128.7	1,748,526
Retail dealers	9,067,774	6,778,520	106.5	6,365,638
Retail grocers	6,265,229	4,806,909	113.4	4,240,400
General stores	2,331,096	1,732,014	90.0	1,923,653
Other retail dealers	671,449	239,597	118.9	201,575
Miscellaneous	4,444,720	3,845,893	114.5	3,359,572

Diagram 10.—Distribution of Total Stocks of Eggs Reported for January 1, 1918.

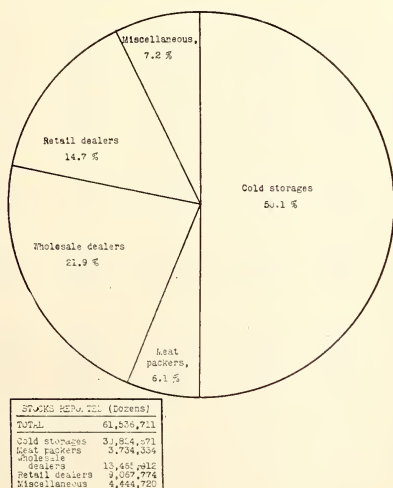


Table 13.—Number of firms reporting eggs, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	178,568	125,833
Cold storages	269	217
Meat packers	853	794
Wholesale dealers	4,639	3,454
Wholesale dealers in butter, eggs, and cheese	2,742	2,020
Other wholesale dealers	1,897	1,434
Retail dealers	148,991	104,879
Retail grocers	93,703	63,750
General stores	48,416	35,293
Other retail dealers	6,872	3,836
Miscellaneous	23,816	16,489

Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of eggs on the date of the Survey is shown in detail in Table 14. The Middle Atlantic states, it may be noticed, far outranked all other geographic divisions in stocks of eggs reported. The East North Central division ranked second in stocks reported, the New England division third, and the West North Central division fourth. The state of New York alone reported more than one-fifth of the total commercial stocks of eggs in the country, while Illinois and Massachusetts each reported nearly one-eighth of the total. The distribution of these stocks by geographic divisions is shown graphically in Diagram 11, while the stocks of eggs reported for the eighteen most important states are shown in Diagram 12.

Diagram 11.—Stocks of Eggs Reported for January 1, 1918, by Geographic Divisions.

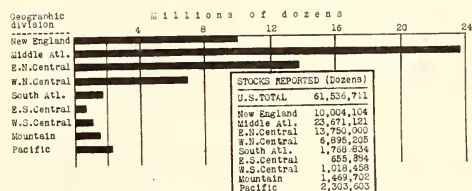
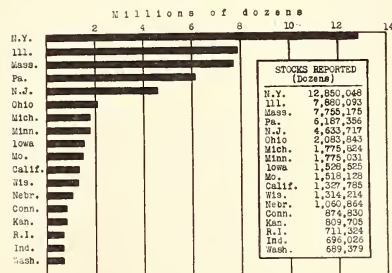


Diagram 12.—Stocks of Eggs Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

The commercial stocks of eggs on the date of the Survey, as compared with those of a year earlier, are given in the last three columns of Table 12, and may be found in greater detail in Table 15. These comparative figures, which are based on the schedules giving information for the two dates, indicate that the stocks on the date of the Survey were materially larger than those on hand January 1, 1917. The cold storages reported an increase in stocks amounting to 49.1 per cent, while the other more important groups of firms show smaller increases. The total stocks of eggs on January 1, 1918, were 33.1 per cent larger than the stocks on hand January 1, 1917. These comparative stocks for each of the more important groups of firms are represented graphically in Diagram 13.

DIAGRAM 13.—STOCKS OF EGGS REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

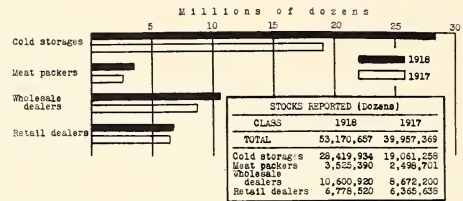


Table 14.—Stocks of eggs reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Cold storages.	Meat packers.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscellaneous.
				Total.	Wholesale dealers in butter, eggs, and cheese.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
	Dozens.	Dozens.	Dozens.	Dozens.	Dozens.	Dozens.	Dozens.	Dozens.	Dozens.	Dozens.	Dozens.
United States.....	61,536,711	30,824,871	3,734,334	13,465,012	10,512,712	2,952,300	9,067,774	6,265,229	2,331,096	471,449	4,444,720
GEOGRAPHIC DIVISIONS:											
New England.....	10,004,104	5,620,594	674,480	1,797,670	1,351,549	446,121	1,045,245	927,851	70,348	47,046	866,115
Middle Atlantic.....	23,671,121	14,142,053	741,997	4,520,389	3,760,938	759,451	3,346,396	2,809,728	318,614	218,064	920,286
East North Central.....	13,750,000	6,825,111	837,441	3,483,358	2,601,938	881,420	1,530,642	1,037,830	307,574	75,224	1,053,448
West North Central.....	6,895,205	2,603,000	615,650	2,138,919	1,845,164	293,755	1,051,659	430,409	586,426	34,824	586,426
South Atlantic.....	1,768,834	479,131	277,226	273,956	156,981	116,975	74,093	226,721	222,580	24,522	264,428
East South Central.....	655,834	183,606	59,900	110,887	84,655	26,232	251,741	92,959	153,754	5,392	49,550
West South Central.....	1,018,458	221,700	201,064	202,895	152,957	69,938	335,387	212,347	113,201	9,839	57,412
Mountain.....	1,469,700	176,170	166,210	319,666	152,141	167,525	510,269	185,451	290,491	34,327	297,387
Pacific.....	2,303,603	573,506	140,366	617,272	426,389	190,883	522,342	322,288	177,833	22,221	450,117
NEW ENGLAND:											
Maine.....	325,549	133,100	60,498	23,609	997	22,612	83,646	57,139	13,149	13,358	25,696
New Hampshire.....	170,777	63,568	35,895	55,895	25,833	28,062	44,238	35,966	6,913	1,359	9,076
Vermont.....	165,449	55,970	10,810	56,311	38,400	17,911	35,801	18,828	1,537	1,718	26,467
Massachusetts.....	7,755,175	5,077,304	341,976	1,040,013	711,353	328,660	566,886	531,077	18,570	14,239	728,996
Rhode Island.....	711,324	371,040	71,580	137,022	125,088	11,934	100,265	92,191	4,771	3,303	31,417
Connecticut.....	874,830	3,180	126,048	486,820	449,878	36,942	214,319	189,640	11,608	13,071	44,463
MIDDLE ATLANTIC:											
New York.....	12,850,048	7,200,838	322,454	2,634,214	2,327,493	306,721	2,110,544	1,901,713	88,759	120,072	581,998
New Jersey.....	4,633,717	3,469,254	124,295	476,924	281,589	195,335	489,959	392,133	65,447	32,379	73,285
Pennsylvania.....	6,187,356	3,471,961	295,248	1,409,251	1,151,856	257,395	745,893	515,882	164,408	63,603	265,003
EAST NORTH CENTRAL:											
Ohio.....	2,083,843	819,773	64,421	625,651	315,455	310,196	391,634	256,959	112,889	21,786	182,364
Indiana.....	696,026	80,865	6,823	394,794	278,094	116,700	181,982	139,573	39,112	3,297	31,562
Illinois.....	7,880,093	5,098,764	412,631	1,401,089	1,206,587	194,502	456,676	350,005	91,933	14,738	510,933
Michigan.....	1,775,824	176,490	332,425	770,356	653,812	116,724	276,169	185,477	74,447	10,645	220,204
Wisconsin.....	1,314,214	649,219	41,141	291,288	147,990	143,298	224,181	125,825	78,998	19,358	108,385
WEST NORTH CENTRAL:											
Minnesota.....	1,775,031	1,152,780	64,911	179,647	95,571	84,076	293,737	106,330	172,989	14,418	83,956
Iowa.....	1,528,525	579,156	48,125	625,411	524,171	101,240	171,172	72,120	95,263	3,789	104,661
Missouri.....	1,518,128	530,820	146,282	482,029	425,363	56,666	251,947	147,492	93,503	10,952	107,050
North Dakota.....	103,442	4,135	45,449	41,624	3,825	37,800	10,125	29,801	1,411	12,521	9,302
South Dakota.....	99,510	1,320	10,198	22,332	20,426	1,906	46,288	7,694	38,286	308	19,792
Nebraska.....	1,060,864	225,344	246,041	364,416	349,364	15,052	89,419	34,021	53,857	1,541	135,644
Kansas.....	809,705	113,580	95,958	419,735	388,645	31,090	157,759	52,627	102,727	2,405	22,673
SOUTH ATLANTIC:											
Delaware.....	52,949	120	15,782	4,517	4,202	315	28,637	11,846	5,904	10,887	3,893
Maryland.....	446,815	223,680	26,931	92,448	66,592	25,856	61,244	34,996	24,478	1,770	42,512
District of Columbia.....	140,244	25,500	15,696	14,993	12,947	1,546	54,820	53,885	107	828	29,735
Virginia.....	417,951	124,867	57,318	75,086	34,461	40,625	129,827	37,418	90,890	1,519	30,853
West Virginia.....	226,941	13,800	19,308	8,042	3,248	4,794	71,847	19,073	48,086	3,185	113,944
North Carolina.....	91,869	23,460	17,428	5,222	2,810	2,412	36,467	12,125	22,317	2,025	9,302
South Carolina.....	69,296	16,862	25,831	21,360	4,471	16,245	16,245	8,621	7,279	345	10,358
Georgia.....	174,154	57,594	47,334	11,233	299	10,934	44,273	29,216	13,501	1,556	13,720
Florida.....	148,615	10,110	60,567	37,084	10,960	26,124	30,738	18,441	9,688	2,404	10,121
EAST SOUTH CENTRAL:											
Kentucky.....	228,539	91,500	3,653	26,877	23,220	3,657	85,727	35,688	48,878	1,161	20,782
Tennessee.....	248,134	72,996	12,463	73,502	55,968	17,534	80,020	24,953	53,821	1,246	9,153
Alabama.....	128,907	19,110	29,218	8,638	5,013	3,625	56,912	20,755	33,511	2,646	15,029
Mississippi.....	50,104	14,566	1,870	454	454	1,416	29,082	11,199	17,544	339	4,586
WEST SOUTH CENTRAL:											
Arkansas.....	89,202	15,000	9,426	24,712	23,028	1,684	33,841	13,003	19,524	1,314	6,223
Louisiana.....	136,119	19,230	47,869	11,181	3,699	7,482	50,473	33,222	17,052	199	7,366
Oklahoma.....	208,431	46,500	32,796	36,276	20,592	15,684	82,397	41,682	36,128	4,587	10,402
Texas.....	584,706	140,910	110,973	130,726	85,638	45,088	168,076	124,440	40,497	3,739	33,421
MOUNTAIN:											
Montana.....	273,007	8,910	54,716	108,588	52,757	55,831	72,455	31,030	35,525	5,900	28,338
Idaho.....	164,411	17,980	3,169	31,368	24,400	31,368	76,148	22,313	49,156	4,679	35,746
Wyoming.....	54,740	2,440	2,430	2,430	40,791	2,430	40,791	12,324	27,345	1,122	11,279
Colorado.....	496,572	55,530	56,691	65,600	65,600	22,374	128,080	67,337	57,103	3,638	168,337
New Mexico.....	46,379	1,731	4,998	4,998	4,998	33,530	8,814	24,022	694	6,120	6,120
Arizona.....	99,893	1,620	13,801	13,801	13,801	70,194	13,344	50,617	6,233	6,298	6,298
Utah.....	289,346	92,130	26,434	69,954	33,784	36,170	65,416	23,625	31,774	10,017	35,412
Nevada.....	45,354	15,279	553	553	553	553	23,655	6,664	14,977	2,044	5,867
PACIFIC:											
Washington.....	689,379	92,700	36,960	209,340	178,688	30,652	128,969	65,694	57,658	5,617	221,410
Oregon.....	286,439	55,950	20,456	64,497	58,987	5,510	76,656	33,591	38,545	4,520	68,880
California.....	1,327,785	424,856	82,950	343,435	188,714	154,721	316,717	223,003	81,630	12,084	159,827

Table 15.—Comparative figures for eggs, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.		COLD STORAGES.		MEAT PACKERS.		WHOLESALE DEALERS.		RETAIL DEALERS.		MISCELLANEOUS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States.....	Dozens. 53,170,657	Dozens. 39,957,369	Dozens. 28,419,934	Dozens. 19,061,258	Dozens. 3,525,390	Dozens. 2,498,701	Dozens. 10,600,920	Dozens. 8,672,200	Dozens. 6,778,520	Dozens. 6,365,638	Dozens. 3,845,893	Dozens. 3,359,572
GEOGRAPHIC DIVISIONS:												
New England.....	9,027,465	5,465,806	5,613,990	2,933,694	664,086	519,397	1,188,170	863,189	776,620	756,197	784,599	393,329
Middle Atlantic.....	21,675,708	15,088,829	13,833,287	8,333,213	605,894	545,462	3,844,341	3,744,387	2,625,728	1,875,661	766,458	590,106
East North Central.....	10,593,007	9,801,367	4,916,174	5,243,201	849,725	345,474	2,820,890	2,098,711	1,045,629	1,230,624	960,589	883,357
West North Central.....	5,826,560	4,410,363	2,584,220	1,650,367	606,165	325,731	1,426,510	843,414	790,216	900,336	419,419	690,515
South Atlantic.....	1,498,900	1,245,529	465,481	164,861	245,705	195,473	228,212	195,185	351,783	397,462	204,719	290,548
East South Central.....	506,610	532,095	179,376	130,365	53,465	39,993	74,178	109,790	165,470	215,749	34,121	36,198
West South Central.....	809,414	734,127	171,330	98,640	196,324	250,350	171,655	116,476	239,940	234,242	30,165	34,419
Mountain.....	1,262,421	1,023,028	161,260	82,582	161,575	143,863	313,461	239,403	375,550	362,499	250,575	194,681
Pacific.....	1,970,572	1,658,225	494,816	424,335	139,451	132,958	533,503	461,645	407,554	392,868	395,248	216,419
NEW ENGLAND:												
Maine.....	300,192	173,125	129,740	11,780	66,378	51,158	23,369	22,246	66,216	64,293	20,489	23,648
New Hampshire.....	157,256	115,467			63,568	37,995	33,715	34,749	32,573	34,135	7,400	8,588
Vermont.....	125,448	65,026	35,970	6,000	10,810	9,285	23,711	8,829	29,868	30,193	25,089	10,719
Massachusetts.....	7,283,907	4,325,581	5,077,240	2,777,374	331,702	312,935	791,910	542,599	406,228	388,695	676,527	303,978
Rhode Island.....	674,686	364,089	371,040	138,540	71,580	21,689	130,728	121,375	76,806	72,099	24,320	10,786
Connecticut.....	485,976	421,918			126,048	86,335	164,737	133,101	164,926	166,782	30,265	35,610
MIDDLE ATLANTIC:												
New York.....	11,649,727	7,796,166	6,926,933	3,831,534	204,923	161,731	2,249,821	2,390,483	1,779,824	1,019,810	488,226	392,608
New Jersey.....	4,355,907	3,290,462	3,467,589	2,477,244	19,021	124,734	369,052	359,104	285,942	60,721	51,986	
Pennsylvania.....	5,670,694	3,993,201	3,438,965	2,024,435	281,950	258,997	1,225,468	994,348	506,800	569,909	217,511	145,512
EAST NORTH CENTRAL:												
Ohio.....	1,595,367	1,473,132	807,530	692,900	63,941	37,107	324,859	252,842	247,293	291,896	151,744	198,387
Indiana.....	484,886	388,740	7,515	5,190	6,553	6,272	353,067	216,722	90,548	132,008	27,203	28,548
Illinois.....	5,678,316	6,346,067	3,275,420	4,081,086	408,414	247,423	1,163,068	1,211,337	350,388	416,945	481,026	383,276
Michigan.....	1,617,292	729,752	176,490	150,700	329,725	34,351	703,511	176,294	200,908	226,174	206,658	133,303
Wisconsin.....	1,217,146	869,676	649,219	304,325	41,092	20,321	276,385	241,586	156,492	163,601	93,958	139,843
WEST NORTH CENTRAL:												
Minnesota.....	1,663,111	936,431	1,147,380	476,100	64,406	67,000	155,146	110,472	235,270	228,044	60,900	54,815
Iowa.....	1,250,488	774,859	579,156	82,951	48,125	80,567	397,948	129,244	132,522	163,590	92,737	309,507
Missouri.....	1,287,958	1,505,011	521,880	833,300	146,282	55,217	352,278	330,494	175,890	214,670	91,628	71,330
North Dakota.....	86,242	52,562			4,135	1,517	44,949	10,285	28,014	24,816	9,144	15,944
South Dakota.....	75,760	101,243			1,218	1,508	22,052	46,480	35,281	48,780	17,209	4,475
Nebraska.....	927,078	619,503	225,344	206,716	246,041	80,169	255,810	55,115	68,855	85,724	131,028	161,779
Kansas.....	595,923	420,754	110,460	51,500	95,988	30,753	198,327	131,324	114,414	134,712	16,764	72,665
SOUTH ATLANTIC:												
Delaware.....	45,595	26,749	120	90	15,782	2,400	4,517	3,816	21,843	18,910	3,333	1,533
Maryland.....	381,905	146,126	223,680	12,150	26,061	11,276	70,855	55,642	40,119	49,035	21,190	18,023
District of Columbia.....	150,541	130,891	25,500	48,300	15,696	21,747	13,562	23,269	50,017	25,883	25,766	11,692
Virginia.....	346,423	298,954	115,147	84,151	41,418	32,041	64,759	39,127	106,230	130,237	18,569	13,398
West Virginia.....	197,296	319,356	12,000	4,500	19,308	23,723	5,020	7,574	50,464	61,124	110,522	222,435
North Carolina.....	76,451	59,640	23,460		17,023	9,335	4,789	4,967	25,413	36,919	5,766	8,419
South Carolina.....	53,492	38,861			15,842	6,475	22,800	9,408	11,458	15,074	3,392	2,904
Georgia.....	139,057	97,113	57,204	7,050	37,008	38,131	9,009	8,663	26,085	35,931	9,753	7,338
Florida.....	128,140	130,839	8,370	8,620	60,567	50,345	32,919	42,719	20,156	24,349	6,128	4,806
EAST SOUTH CENTRAL:												
Kentucky.....	174,682	224,859	87,420	82,650	3,653	6,234	14,709	41,799	54,966	80,245	13,934	13,931
Tennessee.....	189,998	189,261	72,846	39,405	8,413	6,656	50,975	62,675	52,914	74,727	4,850	5,798
Alabama.....	105,301	83,584	19,110	8,310	27,388	17,217	7,194	4,666	38,476	39,374	13,133	14,017
Mississippi.....	36,629	34,391			14,011	9,886	1,300	650	19,114	21,403	2,204	2,452
WEST SOUTH CENTRAL:												
Arkansas.....	71,116	39,059	12,000		8,076	2,921	23,585	6,045	22,999	25,135	4,456	4,858
Louisiana.....	111,299	130,435	19,230	14,420	46,099	51,281	6,444	15,358	34,418	43,419	5,198	4,957
Oklahoma.....	158,144	93,872	46,960		32,796	20,897	31,124	11,551	44,403	67,231	3,261	4,193
Texas.....	468,855	470,761	93,540	83,220	109,443	175,251	110,502	83,522	138,120	108,457	17,250	20,311
MOUNTAIN:												
Montana.....	220,631	216,767			50,141	22,652	107,297	124,644	51,533	56,727	11,840	12,744
Idaho.....	139,830	78,595	17,980	23,002	3,109	2,324	30,183	1,735	47,330	44,451	30,258	7,080
Wyoming.....	44,127	34,673			240		2,430	2,940	31,264	27,319	10,193	4,414
Colorado.....	444,409	332,346	51,150	11,250	56,661	53,121	86,178	41,313	97,695	98,811	152,725	127,851
New Mexico.....	34,164	33,399			1,731	1,578	4,578	5,105	23,508	23,351	4,347	3,365
Arizona.....	83,700	87,330			7,980	9,768	12,766	9,752	58,031	63,001	4,923	4,206
Utah.....	259,084	217,532	92,130	48,330	26,434	51,780	69,776	53,472	39,363	31,807	31,441	32,053
Nevada.....	37,426	22,886			15,279	2,640		253	442	17,046	16,336	2,968
PACIFIC:												
Washington.....	593,973	467,578	48,330	101,190	36,225	44,456	203,819	111,685	98,814	90,836	206,785	119,411
Oregon.....	215,031	193,533	22,580	10,570	20,456	16,244	60,165	82,580	60,381	53,664	50,449	30,475
California.....	1,161,368	997,114	432,903	312,375	82,770	72,258	269,519	267,350	248,359	238,368	138,014	96,553

COMMERCIAL STOCKS OF FROZEN EGGS.

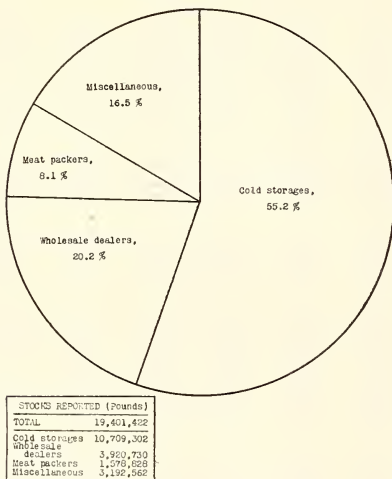
The commercial stocks of frozen eggs reported as on hand January 1, 1918, amounted to 19,401,422 pounds. More than 55 per cent of these stocks were held by the cold storages; the wholesale dealers held 20.2 per cent, and the meat packers 8.1 per cent. The remainder, amounting to 16.5 per cent, was held by a miscellaneous group of firms. The stocks reported by each of these classes of business concerns are given in column one of Table 16, while the relative importance of the holdings of the several classes is shown graphically in Diagram 14.

The number of firms reporting this commodity is shown in Table 17.

Table 16.—Stocks of frozen eggs reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 19,401,422	Pounds. 16,554,785	291.2	Pounds. 5,684,648
Cold storages.....	10,709,302	9,063,920	389.8	2,325,308
Meat packers.....	1,578,828	1,430,448	1193.7	119,837
Wholesale dealers in butter, eggs, and cheese.....	3,920,730	3,098,175	176.3	1,757,093
Miscellaneous.....	3,192,562	2,962,242	199.8	1,482,410

DIAGRAM 14.—DISTRIBUTION OF TOTAL STOCKS OF FROZEN EGGS REPORTED FOR JANUARY 1, 1918.



Geographic Distribution and Comparative Figures.

The geographic distribution of the stocks of frozen eggs is shown in column one of Table 18. More than one-third of these stocks, as the table indicates, were reported from the Middle Atlantic states, the bulk of the stocks reported for the division being in the state of New York. The states of Illinois, Massachusetts and Missouri also reported important quantities of frozen eggs on hand.

Table 17.—Number of firms reporting frozen eggs, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	4,391	2,596
Cold storages.....	99	70
Meat packers.....	113	82
Wholesale dealers in butter, eggs and cheese.....	127	80
Miscellaneous.....	4,052	2,364

Table 18.—Stocks of frozen eggs reported for January 1, 1918, with comparative figures for January 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.	
		1918 stocks.	1917 stocks.
	Pounds. 19,401,422	Pounds. 16,554,785	Pounds. 5,684,648
United States			
GEOGRAPHIC DIVISIONS:			
New England.....	2,575,272	1,972,428	1,325,631
Middle Atlantic.....	7,514,818	6,733,449	2,279,027
East North Central.....	3,889,145	2,983,221	787,929
West North Central.....	3,551,749	3,331,672	600,968
South Atlantic.....	439,076	425,189	191,828
East South Central.....	299,861	271,931	88,510
West South Central.....	245,100	230,162	156,649
Mountain.....	104,829	94,799	41,216
Pacific.....	781,572	511,934	202,890
NEW ENGLAND:			
Maine.....	20,017	19,042	11,074
New Hampshire.....	814	371	342
Vermont.....	528	68	69
Massachusetts.....	2,509,865	1,933,440	1,291,128
Rhode Island.....	23,379	5,942	4,587
Connecticut.....	20,669	13,365	18,431
MIDDLE ATLANTIC:			
New York.....	6,575,426	5,823,218	1,669,863
New Jersey.....	82,699	75,309	83,528
Pennsylvania.....	856,693	834,922	525,636
EAST NORTH CENTRAL:			
Ohio.....	518,013	484,630	285,509
Indiana.....	318,427	32,259	31,438
Illinois.....	2,792,455	2,267,567	406,966
Michigan.....	211,557	175,164	40,882
Wisconsin.....	48,693	23,501	23,114
WEST NORTH CENTRAL:			
Minnesota.....	652,379	643,473	83,441
Iowa.....	484,981	478,110	37,969
Missouri.....	1,518,227	1,515,389	288,941
North Dakota.....	2,392	2,272	1,408
South Dakota.....	36	36	10
Nebraska.....	418,236	303,488	89,563
Kansas.....	475,498	388,904	99,636
SOUTH ATLANTIC:			
Delaware.....	572	402	576
Maryland.....	208,345	206,465	94,503
District of Columbia.....	51,999	50,937	40,876
Virginia.....	122,570	117,319	26,943
West Virginia.....	2,644	1,659	1,420
North Carolina.....	3,450	2,572	3,390
South Carolina.....	2,581	328	270
Georgia.....	45,153	43,893	17,377
Florida.....	1,762	1,612	6,473
EAST SOUTH CENTRAL:			
Kentucky.....	182,595	180,765	60,686
Tennessee.....	116,184	90,398	36,532
Alabama.....	835	603	1,152
Mississippi.....	227	165	140
WEST SOUTH CENTRAL:			
Arkansas.....	226	29,350	17,888
Louisiana.....	37,372	2,093	1,240
Oklahoma.....	7,609	2,093	1,240
Texas.....	199,893	198,719	137,571
MOUNTAIN:			
Montana.....	27,821	27,446	991
Idaho.....	3,251	2,741	92
Wyoming.....	51,012	43,234	33,936
Colorado.....	120	120	120
New Mexico.....	120	120	120
Arizona.....	21,383	21,378	6,197
Utah.....	1,222	1,222	1,222
Nevada.....	1,222	1,222	1,222
PACIFIC:			
Washington.....	403,510	199,304	53,683
Oregon.....	39,357	5,745	4,888
California.....	338,705	306,885	144,319

The stocks of frozen eggs on the date of the Survey were nearly three times as great as those on hand one year earlier, as indicated in the last three columns of Table 16. The greatest relative increase in such stocks was reported by the meat packers. The total stocks reported as on hand on the date of the Survey amounted to 291.2 per cent of those on hand January 1, 1917. These comparative stocks are also shown by geographic divisions and by states in the last two columns of Table 18.

COMMERCIAL STOCKS OF DRIED EGGS.

The total stocks of dried eggs reported in the Food Survey of January 1, 1918, amounted to 9,909,341 pounds. Considerably more than one-half of these stocks were reported by the cold storages and warehouses. The wholesale dealers reported nearly one-fourth and the bakers approximately one-sixth. The retail dealers reported less than 1 per cent of the total, while 6.8 per cent of these stocks were reported by a miscellaneous group of firms. The stocks reported by each class of concerns are shown in the first column of Table 19, while the relative importance of the stocks reported by these classes of concerns is shown graphically in Diagram 15.

The number of schedules received and tabulated for dried eggs is shown by classes of firms in Table 20.

Table 19.—Stocks of dried eggs reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 9,909,341	Pounds. 6,255,708	239.7	Pounds. 2,609,404
Cold storages and warehouses.....	5,234,370	2,538,453	232.2	1,088,484
Wholesale dealers.....	2,276,025	1,929,415	274.4	703,237
Bakers.....	1,633,168	1,336,678	228.3	585,509
Retail dealers.....	91,051	31,567	139.2	22,678
Miscellaneous.....	674,727	419,595	200.3	209,496

DIAGRAM 15.—DISTRIBUTION OF TOTAL STOCKS OF DRIED EGGS REPORTED FOR JANUARY 1, 1918.

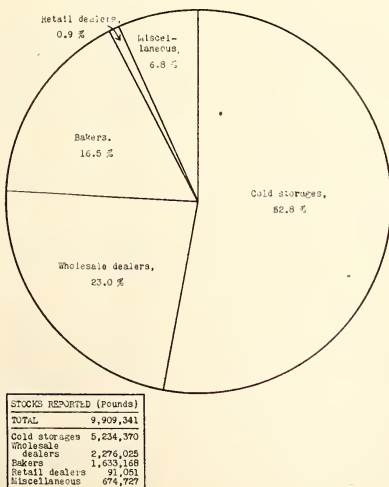


Table 20.—Number of firms reporting dried eggs, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	11,178	5,658
Cold storages and warehouses.....	50	23
Wholesale dealers.....	291	186
Bakers.....	6,748	3,644
Retail dealers.....	2,700	903
Miscellaneous.....	1,389	902

Table 21.—Stocks of dried eggs reported for January 1, 1918, with comparative figures for January 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.	
		1918 stocks.	1917 stocks.
United States.....	Pounds. 9,909,341	Pounds. 6,255,708	Pounds. 2,609,404
GEOGRAPHIC DIVISIONS:			
New England.....	585,451	493,832	296,214
Middle Atlantic.....	7,073,981	4,382,836	1,724,021
East North Central.....	811,490	599,443	290,007
West North Central.....	290,180	188,790	70,128
South Atlantic.....	380,397	274,744	101,201
East South Central.....	48,261	35,556	14,731
West South Central.....	45,544	31,986	21,466
Mountain.....	39,336	30,314	16,170
Pacific.....	634,701	218,207	75,466
NEW ENGLAND:			
Maine.....	7,248	3,756	2,475
New Hampshire.....	3,840	2,458	1,667
Vermont.....	4,188	2,696	1,100
Massachusetts.....	531,363	458,462	276,536
Rhode Island.....	13,743	7,103	4,603
Connecticut.....	25,069	19,357	9,833
MIDDLE ATLANTIC:			
New York.....	6,076,450	3,487,466	923,357
New Jersey.....	728,123	716,839	717,836
Pennsylvania.....	269,408	178,531	82,828
EAST NORTH CENTRAL:			
Illinois.....	103,786	73,670	39,692
Indiana.....	42,723	27,506	15,940
Ohio.....	537,018	402,891	192,050
Michigan.....	77,939	60,201	27,179
Wisconsin.....	50,024	35,175	15,146
WEST NORTH CENTRAL:			
Minnesota.....	30,284	24,341	10,937
Iowa.....	33,914	27,469	18,560
Missouri.....	122,669	113,477	28,298
North Dakota.....	4,942	2,817	2,018
South Dakota.....	4,772	3,680	1,630
Nebraska.....	34,152	11,419	3,513
Kansas.....	59,447	5,578	4,872
SOUTH ATLANTIC:			
Delaware.....	879	599	317
Maryland.....	318,144	228,306	75,796
District of Columbia.....	10,937	10,269	5,146
Virginia.....	11,678	9,903	7,307
West Virginia.....	8,913	4,528	3,412
North Carolina.....	5,351	2,635	734
South Carolina.....	2,964	1,379	767
Georgia.....	16,019	12,776	6,382
Florida.....	5,512	4,349	1,340
EAST SOUTH CENTRAL:			
Kentucky.....	15,004	7,321	2,881
Tennessee.....	14,578	11,986	8,335
Alabama.....	16,344	14,405	2,756
Mississippi.....	2,335	1,844	759
WEST SOUTH CENTRAL:			
Arkansas.....	3,558	2,455	2,150
Louisiana.....	11,859	9,942	7,412
Oklahoma.....	13,019	7,457	1,973
Texas.....	17,108	12,132	9,931
MOUNTAIN:			
Montana.....	8,699	6,905	2,624
Idaho.....	1,000	702	131
Wyoming.....	271	185	66
Colorado.....	15,501	11,590	7,225
New Mexico.....	1,626	668	102
Arizona.....	1,046	489	524
Utah.....	10,997	9,770	5,493
Nevada.....	196	5	5
PACIFIC:			
Washington.....	151,610	146,428	32,521
Oregon.....	8,670	7,919	4,552
California.....	474,421	63,860	38,393

Geographic Distribution and Comparative Figures.

The geographic distribution of the stocks of dried eggs reported is shown in the first column of Table 21. These figures indicate that nearly two-thirds of the stocks, or 6,076,450 pounds of dried eggs, were reported from the state of New York. The only other states reporting as much as one-half a million pounds of this commodity were New Jersey, Illinois and Massachusetts.

The comparative stocks of dried eggs on the date of the Survey and on January 1, 1917, are shown in the last three columns of Table 19. These figures indicate that there was a very material increase in the stocks of this commodity for each of the classes of dealers reported. The total stocks of January 1, 1918, were equal to 239.7 per cent of those on hand January 1, 1917. Comparative stocks are shown by geographic divisions and states in the last two columns of Table 21.

COMMERCIAL STOCKS OF DRIED MILK.

Commercial stocks of dried milk as reported in the Food Survey of January 1 1918, amounted to 13,296,422 pounds. Of this total, the ice cream manufacturers held 19.1 per cent; warehouses, 19.4 per cent; wholesale dealers, 14.8 per cent; bakers, 13.3 per cent; and retail dealers, 1.9 per cent. The remainder, amounting to 31.5 per cent of the total, was held by a miscellaneous group of concerns, as indicated in Table 22.

The stocks reported by the different classes of business concerns are shown in the first column of Table 22, while the relative importance of the stocks of each class of firms is indicated by Diagram 16.

The number of schedules received and tabulated for dried milk is shown by classes of firms in Table 24.

Table 22.—Stocks of dried milk reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
	Pounds.	Pounds.		Pounds.
Total.....	13,296,422	10,655,418	178.6	5,965,630
Ice cream manufacturers.....	2,538,959	2,375,994	239.0	994,022
Warehouses.....	2,585,226	1,522,802	203.2	749,380
Wholesale dealers.....	1,963,633	1,461,402	202.7	721,121
Bakers.....	1,771,508	1,360,230	118.8	1,144,609
Retail dealers.....	247,651	167,350	116.0	144,305
Miscellaneous.....	4,189,445	3,767,640	170.3	2,212,193
Cheese factories.....	1,327,459	1,327,459	88.1	1,506,743
Creameries.....	712,020	621,867	276.5	224,907
Confectioners.....	621,428	534,488	266.8	200,312
Ice cream manufacturers.....	569,249	451,343	366.2	123,254
Other miscellaneous classes.....	559,289	832,483	59.3	156,977

Geographic Distribution and Comparative Figures.

The distribution by geographic divisions and states of the stocks of dried milk reported is shown in the first column of Table 23. The East North Central division, it may be noticed, ranked first in stocks reported, with the Middle Atlantic division a relatively close second. Among the individual states, New York ranked first, Wisconsin second, Pennsylvania third, Massachusetts fourth, and California fifth. Two-thirds of the total stocks in the country were held in these five states.

The comparative stocks of dried milk held on the date of the Survey and one year earlier are shown, by classes of business, in the last three columns of Table 22, and are given by geographic divisions and states in the last two columns of Table 23. These figures indicate that there was a material increase in the stocks of dried milk held by all classes of business represented during the year 1917. The total stocks on hand January 1, 1918, represent 178.6 per cent of the stocks on hand January 1, 1917.

Table 23.—Stocks of dried milk reported for January 1, 1918, with comparative figures for January 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.	
		1918 stocks.	1917 stocks.
	Pounds.	Pounds.	Pounds.
United States.....	13,296,422	10,655,418	5,965,630
GEOGRAPHIC DIVISIONS:			
New England.....	978,731	680,621	769,513
Middle Atlantic.....	5,296,378	4,217,414	1,213,522
East North Central.....	3,926,952	3,416,557	2,683,982
West North Central.....	1,012,195	701,338	273,469
South Atlantic.....	717,393	530,679	178,631
East South Central.....	170,513	103,804	39,950
West South Central.....	331,939	195,932	87,197
Mountain.....	162,763	141,954	116,275
Pacific.....	699,558	667,099	603,088
NEW ENGLAND:			
Maine.....	53,970	38,078	22,393
New Hampshire.....	9,063	5,986	4,458
Vermont.....	4,947	3,326	3,265
Massachusetts.....	729,645	487,944	637,778
Rhode Island.....	59,211	46,724	26,943
Connecticut.....	121,895	98,563	74,676
MIDDLE ATLANTIC:			
New York.....	3,895,350	3,051,031	789,102
New Jersey.....	199,925	151,014	90,416
Pennsylvania.....	1,201,103	1,015,369	334,004
EAST NORTH CENTRAL:			
Ohio.....	561,550	387,093	198,217
Indiana.....	99,298	70,756	30,064
Illinois.....	747,059	515,847	310,853
Michigan.....	683,735	625,187	130,875
Wisconsin.....	1,835,310	1,817,674	2,013,973
WEST NORTH CENTRAL:			
Minnesota.....	284,078	143,937	41,919
Iowa.....	106,911	62,080	38,321
Missouri.....	332,463	274,051	90,108
North Dakota.....	18,241	14,756	4,302
South Dakota.....	12,351	10,631	4,840
Nebraska.....	207,188	156,013	82,127
Kansas.....	50,963	38,970	11,652
SOUTH ATLANTIC:			
Delaware.....	12,039	1,707	1,750
Maryland.....	199,576	185,800	95,136
District of Columbia.....	105,069	70,270	10,357
Virginia.....	108,125	59,115	23,096
West Virginia.....	25,998	19,995	15,014
North Carolina.....	21,861	16,414	4,210
South Carolina.....	23,318	2,338	2,052
Georgia.....	66,562	46,789	11,891
Florida.....	154,845	128,251	14,125
EAST SOUTH CENTRAL:			
Kentucky.....	31,025	26,261	14,624
Tennessee.....	114,168	56,878	18,947
Alabama.....	21,851	18,740	14,581
Mississippi.....	3,469	1,925	1,798
WEST SOUTH CENTRAL:			
Arkansas.....	45,844	24,479	10,841
Louisiana.....	99,810	23,738	5,285
Oklahoma.....	53,575	45,115	17,401
Texas.....	132,510	102,620	53,670
MOUNTAIN:			
Montana.....	26,047	23,450	6,209
Idaho.....	4,712	4,110	3,579
Wyoming.....	2,158	1,323	1,763
Colorado.....	88,530	77,071	67,143
New Mexico.....	3,727	1,906	1,335
Arizona.....	8,538	6,370	5,542
Utah.....	28,408	27,236	30,180
Nevada.....	643	488	518
PACIFIC:			
Washington.....	46,243	35,216	27,437
Oregon.....	67,134	63,598	39,543
California.....	586,181	568,285	536,108

DIAGRAM 16.—DISTRIBUTION OF TOTAL STOCKS OF DRIED MILK REPORTED FOR JANUARY 1, 1918.

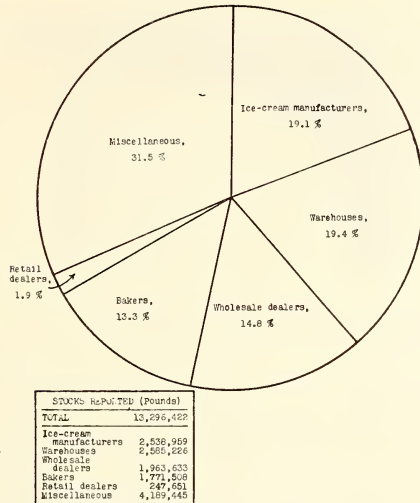


Table 24.—Number of firms reporting dried milk, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	14,838	9,831
Ice cream manufacturers.....	35	30
Warehouses.....	83	45
Wholesale dealers.....	602	473
Bakers.....	7,329	4,891
Retail dealers.....	4,358	2,783
Miscellaneous.....	2,431	1,609
Cheese factories.....	2	2
Creameries.....	137	88
Confectioners.....	1,038	742
Ice cream manufacturers.....	311	212
Other miscellaneous classes.....	943	565

COMMERCIAL STOCKS OF MARGARINE.

The commercial stocks of margarine (including oleomargarine, butterine, etc.) reported in the Food Survey of January 1, 1918, amounted to 19,479,229 pounds. Of these total stocks, the meat packers held 22.7 per cent; the wholesale dealers, 30.3 per cent; and the retail dealers, 32.1 per cent. The cold storages held only 4.2 per cent of the total, and a miscellaneous group of firms held 10.7 per cent. The stocks reported by each group and class of firms are given in the first column of Table 25, and the relative importance of the stocks reported by the various groups of business concerns is shown graphically in Diagram 17.

The number of schedules received and tabulated for margarine is shown by groups and classes of dealers in Table 26.

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of oleomargarine reported is shown by geographic divisions and states, for each group and class of dealers, in Table 27. Two-thirds of the total stocks reported, it may be noticed, were held in the Middle Atlantic and East North Central states. The state of Illinois ranks first in total stocks, with New York second, Pennsylvania third, New

Jersey fourth, Massachusetts fifth, and Ohio sixth. Nearly one-half of the total stocks in Illinois were held by the meat packers, while the stocks of the other states mentioned were more largely in the hands of the wholesale and retail dealers. The distribution of these stocks by geographic divisions is represented graphically in Diagram 18, while in Diagram 19 are shown the stocks of margarine reported for the eighteen most important states.

Table 25.—Stocks of margarine reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 19,479,229	Pounds. 15,687,713	127.2	Pounds. 12,331,330
Meat packers.....	4,426,488	4,156,139	107.8	3,856,346
Cold storages.....	811,046	398,833	260.2	153,307
Wholesale dealers.....	5,903,841	5,217,131	127.5	4,092,917
Wholesale dealers in butter, eggs, and cheese.....	2,371,345	2,008,288	196.2	1,594,219
Other wholesale dealers.....	3,532,496	3,208,843	128.3	2,501,698
Retail dealers.....	6,251,868	4,262,224	124.3	3,428,448
Retail grocers.....	4,458,721	3,106,133	125.3	2,478,727
General stores.....	1,408,284	744,002	147.4	635,320
Other retail dealers.....	684,866	412,089	134.1	314,401
Miscellaneous.....	2,085,986	1,653,386	206.6	800,312

DIAGRAM 17.—DISTRIBUTION OF TOTAL STOCKS OF MARGARINE REPORTED FOR JANUARY 1, 1918.

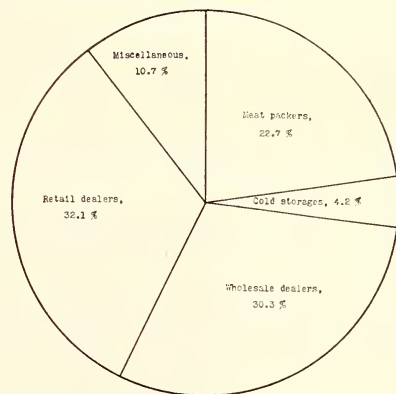


Table 26.—Number of firms reporting margarine, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	74,372	44,737
Meat packers.....	517	437
Cold storages.....	35	34
Wholesale dealers.....	1,345	966
Wholesale dealers in butter, eggs, and cheese.....	47,537	341
Other wholesale dealers.....	824	625
Retail dealers.....	65,142	38,754
Retail grocers.....	47,537	28,619
General stores.....	12,137	7,279
Other retail dealers.....	5,478	2,856
Miscellaneous.....	7,313	4,546

DIAGRAM 18.—STOCKS OF MARGARINE REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

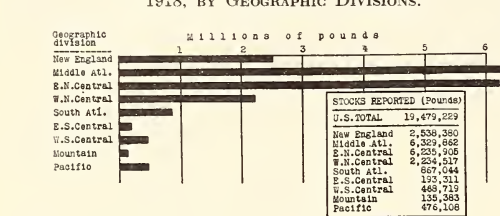


DIAGRAM 19.—STOCKS OF MARGARINE REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.

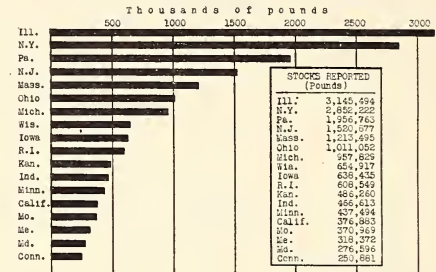


Table 27.—Stocks of margarine reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Cold storages.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscellaneous.
				Total	Wholesale dealers in butter, eggs, and cheese.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States.....	Pounds. 19,479,229	Pounds. 4,426,488	Pounds. 811,046	Pounds. 5,903,841	Pounds. 2,371,345	Pounds. 3,532,496	Pounds. 6,251,868	Pounds. 4,458,721	Pounds. 1,108,281	Pounds. 684,866	Pounds. 2,085,986
GEOGRAPHIC DIVISIONS:											
New England.....	2,538,380	373,154	97,902	434,429	64,135	370,294	873,467	765,419	83,697	24,351	759,428
Middle Atlantic.....	6,329,862	664,987	467,123	2,450,404	1,387,144	1,063,260	2,233,368	1,589,699	421,654	222,015	513,980
East North Central.....	6,235,905	1,783,015	81,013	2,014,715	625,362	1,389,353	1,953,862	1,344,182	366,921	242,759	403,300
West North Central.....	2,234,517	791,724	12,628	562,989	129,814	433,175	701,258	444,657	116,862	139,739	165,919
South Atlantic.....	867,044	209,823	56,094	294,417	136,379	158,038	218,338	115,186	75,592	27,560	88,373
East South Central.....	193,311	71,961	4,950	20,383	7,813	12,570	51,960	34,649	11,244	6,067	44,057
West South Central.....	168,719	196,271	51,346	77,405	926	76,479	78,193	51,766	14,752	11,675	65,504
Mountain.....	135,383	67,285	180	23,078	9,922	13,156	34,702	22,777	8,427	3,498	10,138
Pacific.....	476,108	268,268	39,810	26,021	9,850	16,171	106,720	90,386	9,132	7,202	35,289
NEW ENGLAND:											
Maine.....	318,372	42,320	60,665	52,451	-----	52,451	144,853	97,086	42,721	5,046	18,083
New Hampshire.....	82,199	11,152	-----	11,310	2,550	8,760	51,307	38,556	11,916	1,035	8,230
Vermont.....	64,884	6,150	-----	12,022	300	11,722	42,536	30,209	10,697	1,630	4,176
Massachusetts.....	1,213,495	141,581	18,386	188,494	46,642	141,852	179,817	159,430	9,317	11,070	685,217
Rhode Island.....	608,549	137,868	18,559	45,738	9,556	36,182	392,489	385,744	5,603	1,142	13,895
Connecticut.....	250,881	34,083	292	124,414	5,087	119,327	62,265	54,394	3,443	4,428	29,827
MIDDLE ATLANTIC:											
New York.....	2,852,222	339,536	151,759	1,051,031	529,703	521,328	1,058,627	787,832	192,967	77,828	251,269
New Jersey.....	1,520,877	32,626	143,250	842,648	517,225	325,423	305,749	259,490	32,001	14,258	196,604
Pennsylvania.....	1,956,763	292,825	172,114	556,725	340,216	216,509	868,992	542,377	196,686	129,929	66,107
EAST NORTH CENTRAL:											
Ohio.....	1,011,052	140,209	22,103	306,658	160,864	145,794	456,027	353,617	69,763	32,647	86,055
Indiana.....	466,613	74,862	2,422	126,783	79,595	47,188	230,721	171,731	33,564	25,426	31,825
Illinois.....	3,145,494	1,388,397	44,235	1,112,146	207,115	905,031	475,736	354,541	66,083	54,512	124,980
Michigan.....	957,829	115,882	900	283,094	116,531	166,563	449,100	292,150	92,011	64,939	108,553
Wisconsin.....	654,917	63,665	11,353	186,094	61,257	124,777	342,278	172,143	104,900	65,235	51,587
WEST NORTH CENTRAL:											
Minnesota.....	437,494	157,932	-----	119,671	20,045	99,626	123,441	62,054	37,641	23,746	36,450
Iowa.....	638,435	79,907	9,178	194,806	63,297	131,509	287,688	182,439	44,971	60,278	66,856
Missouri.....	370,969	61,395	-----	154,537	25,674	128,863	116,985	90,826	9,136	17,023	38,052
North Dakota.....	67,979	3,330	-----	44,252	44,252	17,336	8,098	4,650	4,588	3,061	3,061
South Dakota.....	21,564	1,210	720	7,436	7,158	278	10,641	4,617	1,963	4,061	1,557
Nebraska.....	211,816	112,269	2,730	34,552	13,010	21,542	55,386	37,247	8,517	9,622	6,879
Kansas.....	486,260	375,681	-----	7,735	630	7,105	89,781	59,376	9,984	20,421	13,063
SOUTH ATLANTIC:											
Delaware.....	37,569	8,634	1,332	6,185	4,740	1,445	21,053	6,955	578	13,320	365
Maryland.....	276,596	41,880	54,762	97,498	53,258	44,240	41,217	18,055	17,850	5,312	41,239
District of Columbia.....	54,573	2,349	-----	30,932	30,937	65	17,069	16,891	3	175	4,223
Virginia.....	177,173	68,239	-----	56,833	14,139	42,694	39,526	16,498	21,154	1,874	12,573
West Virginia.....	106,615	25,828	-----	25,597	17,802	7,795	50,120	24,668	22,471	5,851	5,070
North Carolina.....	18,931	6,174	-----	495	495	495	8,437	5,319	2,548	570	3,825
South Carolina.....	47,984	8,171	-----	26,911	14,420	12,491	10,098	3,839	5,875	384	2,804
Georgia.....	52,528	15,560	-----	8,118	1,128	6,990	12,858	11,397	868	593	15,992
Florida.....	95,075	32,988	-----	41,848	25	41,823	17,960	11,564	4,245	2,151	2,279
EAST SOUTH CENTRAL:											
Kentucky.....	84,528	12,747	4,350	11,966	5,607	6,359	22,074	12,523	5,907	3,644	33,391
Tennessee.....	63,796	35,502	600	6,958	2,206	4,752	14,191	10,960	1,752	1,479	6,545
Alabama.....	28,831	11,566	-----	1,429	-----	1,429	12,598	8,877	2,872	849	3,238
Mississippi.....	16,156	12,146	-----	30	-----	30	3,097	2,289	713	95	883
WEST SOUTH CENTRAL:											
Arkansas.....	22,945	9,901	-----	454	-----	454	11,650	6,221	3,514	1,915	940
Louisiana.....	204,602	42,626	43,556	62,019	25,328	62,019	25,328	22,906	2,389	33	31,073
Oklahoma.....	79,890	37,846	-----	4,382	-----	4,382	27,330	13,153	5,297	8,880	10,332
Texas.....	161,282	105,898	7,790	10,550	926	9,624	13,885	9,486	3,552	847	23,159
MOUNTAIN:											
Montana.....	19,130	5,380	-----	4,319	-----	4,319	6,953	2,515	3,252	1,186	2,478
Idaho.....	6,500	2,460	-----	-----	-----	-----	3,717	1,953	1,245	519	323
Wyoming.....	3,566	-----	-----	150	-----	150	2,903	1,703	1,164	36	513
Colorado.....	71,524	50,912	-----	2,386	2,252	134	15,500	12,695	1,529	1,276	2,726
New Mexico.....	2,258	-----	-----	148	-----	148	1,366	752	522	92	744
Arizona.....	2,285	-----	-----	383	-----	383	1,024	973	45	6	878
Utah.....	29,105	8,410	180	15,692	7,670	8,022	2,975	1,982	610	383	1,848
Nevada.....	1,015	123	-----	-----	-----	-----	264	204	60	-----	628
PACIFIC:											
Washington.....	53,980	32,236	-----	4,653	2,375	2,278	11,814	8,248	2,240	1,326	5,277
Oregon.....	45,245	34,752	680	966	966	-----	6,560	4,082	1,247	1,231	2,287
California.....	376,883	201,280	39,130	20,402	6,509	13,893	88,346	78,056	5,645	4,645	27,725

Comparative Figures for 1918 and 1917.

The comparative stocks for January 1, 1918, and January 1, 1917, are shown by groups and classes of firms in the last three columns of Table 25, while Table 28 gives such comparative figures by geographic divisions and states. Every group and class of firms reporting, it may be noticed, showed a material increase in stocks held on the date of the Survey as compared with those held one year earlier. This increase was smaller in the case of the meat packers than in that of any other group of firms. It was largest in the case of the cold storages. The total stocks on January 1, 1918, represented 127.2 per cent of the stocks on January 1, 1917, or an increase of 27.2 per cent, which is almost exactly the increase shown in the stocks of the wholesale dealers. The comparative stocks for the two years are shown graphically for each group of firms except the miscellaneous group in Diagram 20.

DIAGRAM 20.—STOCKS OF MARGARINE REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

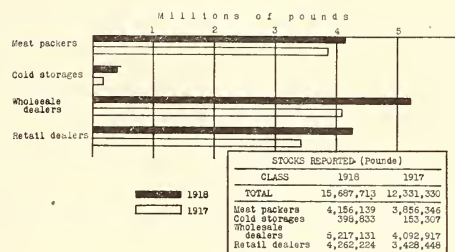


Table 28.—Comparative figures for margarine, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.		MEAT PACKERS.		COLD STORAGES.		WHOLESALE DEALERS.		RETAIL DEALERS.		MISCELLANEOUS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	15,687,713	12,331,330	4,146,139	3,856,346	398,833	153,307	5,217,131	4,092,917	4,262,224	3,428,448	1,653,386	800,312
GEOGRAPHIC DIVISIONS:												
New England.....	2,093,376	838,030	220,319	170,893	61,025	55,725	391,297	233,989	694,698	252,356	726,237	125,067
Middle Atlantic.....	4,750,013	3,843,282	618,366	499,047	146,282	22,555	2,113,565	1,879,261	1,487,984	1,238,034	383,816	204,385
East North Central.....	5,362,353	4,832,778	1,774,035	2,039,007	55,528	18,791	1,863,015	1,420,902	1,352,184	1,072,452	317,591	281,626
West North Central.....	1,856,214	1,769,344	783,773	691,348	9,898	3,568	505,996	323,588	456,436	675,534	100,111	75,306
South Atlantic.....	641,181	454,495	195,319	159,014	56,094	18,880	227,798	143,446	120,307	91,798	41,663	41,357
East South Central.....	133,094	124,755	57,247	52,477	4,350	2,000	10,688	30,833	28,678	26,930	32,136	29,020
West South Central.....	355,480	254,241	191,151	124,124	26,346	31,763	76,656	52,274	40,161	31,071	21,166	15,009
Mountain.....	100,699	67,952	57,043	42,138	180	-----	19,220	6,452	18,205	12,974	6,051	6,388
Pacific.....	395,098	146,453	258,886	94,803	39,130	25	8,896	2,172	63,571	27,299	24,615	22,154
NEW ENGLAND:												
Maine.....	273,267	192,173	36,080	43,690	60,665	53,735	51,104	2,555	110,753	73,056	14,665	19,137
New Hampshire.....	64,423	41,101	9,566	4,779	-----	-----	11,285	6,280	37,370	25,451	6,202	4,591
Vermont.....	49,083	30,251	5,620	1,830	-----	-----	11,962	1,895	28,092	23,736	3,409	2,790
Massachusetts.....	1,041,679	326,441	115,460	86,214	360	1,990	155,977	89,758	107,613	70,185	662,269	78,294
Rhode Island.....	490,317	79,361	30,386	10,670	-----	-----	45,047	32,263	371,944	30,154	12,940	6,274
Connecticut.....	204,807	168,703	23,207	23,710	-----	-----	115,922	101,238	38,926	29,774	26,752	13,981
MIDDLE ATLANTIC:												
New York.....	2,101,846	1,488,400	330,676	281,361	47,472	22,500	810,863	500,487	734,745	537,681	178,090	146,371
New Jersey.....	1,163,059	1,171,262	26,776	14,100	-----	-----	805,312	969,951	170,243	152,922	160,728	34,289
Pennsylvania.....	1,485,108	1,183,620	260,914	203,586	98,810	55	497,390	408,823	582,996	547,451	44,998	23,723
EAST NORTH CENTRAL:												
Ohio.....	773,176	584,233	140,096	102,182	-----	-----	253,542	192,140	300,646	237,296	78,892	52,615
Indiana.....	367,502	293,614	73,132	63,306	-----	-----	117,052	87,391	152,696	121,184	24,622	21,733
Illinois.....	2,949,534	3,014,088	1,858,430	1,684,250	44,175	12,600	1,080,188	926,698	334,410	277,138	105,331	113,402
Michigan.....	749,504	562,801	114,962	119,832	-----	-----	256,182	141,383	315,004	230,185	63,566	62,401
Wisconsin.....	522,337	378,042	60,415	69,437	11,353	6,191	156,051	73,290	249,338	197,649	45,180	31,475
WEST NORTH CENTRAL:												
Minnesota.....	375,445	598,483	157,622	141,192	-----	-----	107,712	49,663	82,063	392,381	28,048	15,247
Iowa.....	470,456	377,858	77,367	97,023	9,178	3,274	164,938	119,508	192,313	143,809	26,460	14,244
Missouri.....	309,333	253,014	57,805	50,706	-----	-----	152,227	116,823	71,148	58,744	28,150	26,741
North Dakota.....	59,265	12,503	3,330	4,720	-----	-----	44,252	2,350	9,093	3,153	2,590	2,280
South Dakota.....	15,924	7,327	-----	-----	720	294	7,436	1,123	6,802	4,377	966	1,533
Nebraska.....	175,963	134,977	112,044	73,723	-----	-----	22,582	32,315	35,749	25,924	5,638	3,465
Kansas.....	449,828	385,182	375,402	324,434	-----	-----	6,899	1,806	59,268	47,146	8,259	11,796
SOUTH ATLANTIC:												
Delaware.....	32,098	14,614	8,634	4,730	1,332	-----	6,185	5,915	15,776	3,841	171	128
Maryland.....	185,370	139,795	41,880	42,834	54,762	18,490	57,305	53,304	18,795	15,130	12,628	10,017
District of Columbia.....	48,992	41,300	2,966	-----	-----	-----	30,771	18,676	10,967	10,967	2,265	689
Virginia.....	139,173	67,239	63,318	23,965	-----	-----	54,371	20,649	10,335	9,849	11,149	12,776
West Virginia.....	77,351	65,771	24,128	19,324	-----	240	14,824	13,897	35,308	29,963	3,091	2,347
North Carolina.....	10,287	8,798	4,472	3,381	-----	-----	124	105	3,983	3,622	1,708	1,690
South Carolina.....	29,889	14,768	5,970	1,891	-----	-----	18,303	8,295	3,554	2,688	2,062	1,894
Georgia.....	33,822	43,594	12,620	18,996	-----	-----	5,982	8,347	7,743	7,496	7,477	8,755
Florida.....	84,199	66,618	32,988	40,927	-----	150	39,933	14,258	10,166	8,222	1,112	3,061
EAST SOUTH CENTRAL:												
Kentucky.....	60,877	65,966	12,747	17,352	4,350	2,000	6,086	10,775	10,704	9,492	26,990	26,347
Tennessee.....	46,786	29,836	31,762	12,568	-----	-----	3,242	2,000	8,212	7,653	3,570	1,615
Alabama.....	13,530	31,144	2,558	3,630	-----	-----	3	18,038	8,234	8,533	1,282	923
Mississippi.....	11,906	3,809	10,180	2,422	-----	-----	4	-----	1,528	1,252	194	135
WEST SOUTH CENTRAL:												
Arkansas.....	16,943	12,929	8,563	4,017	-----	-----	-----	1,760	7,741	5,541	639	1,611
Louisiana.....	136,683	116,824	40,300	30,094	18,556	31,163	61,924	40,933	15,756	12,699	2,021	1,935
Oklahoma.....	58,664	36,774	37,846	22,738	-----	-----	4,296	1,357	10,170	7,125	6,352	5,554
Texas.....	141,210	87,114	104,336	67,275	7,790	600	10,436	8,224	6,494	5,706	12,154	5,909
MOUNTAIN:												
Montana.....	10,171	13,446	4,750	9,244	-----	-----	899	150	3,011	2,777	1,511	1,275
Idaho.....	4,162	1,255	2,460	-----	-----	-----	-----	-----	1,547	1,150	155	105
Wyoming.....	2,014	1,402	-----	-----	-----	-----	150	90	1,611	1,102	253	210
Colorado.....	62,119	38,066	48,510	30,437	-----	-----	2,361	796	9,492	5,775	1,756	1,078
New Mexico.....	797	739	-----	-----	-----	-----	98	74	410	445	289	220
Arizona.....	445	2,558	-----	-----	-----	-----	20	10	400	210	925	925
Utah.....	20,488	12,699	1,200	2,457	180	-----	15,692	5,332	1,714	1,585	1,708	3,325
Nevada.....	503	170	123	-----	-----	-----	-----	-----	20	20	360	150
PACIFIC:												
Washington.....	39,456	18,460	27,710	7,862	-----	-----	2,495	681	5,401	3,313	3,850	6,604
Oregon.....	40,398	17,883	34,752	12,573	-----	-----	506	181	3,272	3,140	1,868	1,980
California.....	315,244	110,110	196,424	74,365	39,130	25	5,895	1,310	54,898	20,846	18,897	13,561

COMMERCIAL STOCKS OF PEANUT BUTTER.

The stocks of peanut butter in commercial channels reported in the Food Survey of January 1, 1918, amounted to 10,298,527 pounds. Of this total the peanut butter manufacturers held only 1.7 per cent and the warehouses only 0.8 per cent. The wholesale dealers held 41.1 per cent and the retail dealers 50.5 per cent, or more than one-half of the total commercial stocks reported. The balance of 5.9 per cent was reported by a miscellaneous group of firms. The stocks reported by each group and class of business are given in the first column of Table 29, while the relative importance of the stocks reported by each group of business concerns is shown graphically in Diagram 21.

The number of firms reporting stocks of peanut butter is shown by groups and classes in Table 30.

Table 29.—Stocks of peanut butter reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 10,298,527	Pounds. 8,588,585	124.8	Pounds. 6,881,311
Peanut butter manufacturers.....	175,419	172,935	106.8	161,885
Warehouses.....	83,175	77,416	138.0	56,112
Wholesale dealers.....	4,229,151	3,834,292	148.1	2,589,849
Wholesale grocers.....	3,506,145	3,227,772	138.3	2,333,845
Other wholesale dealers.....	723,006	606,520	236.9	256,004
Retail dealers.....	5,198,228	3,956,053	112.6	3,511,998
Retail grocers.....	3,609,799	2,794,048	111.2	2,513,251
General stores.....	1,504,703	1,118,850	116.7	958,800
Other retail dealers.....	83,726	43,155	108.0	39,947
Miscellaneous.....	612,554	547,889	97.6	561,467

Diagram 21.—Distribution of Total Stocks of Peanut Butter Reported for January 1, 1918.

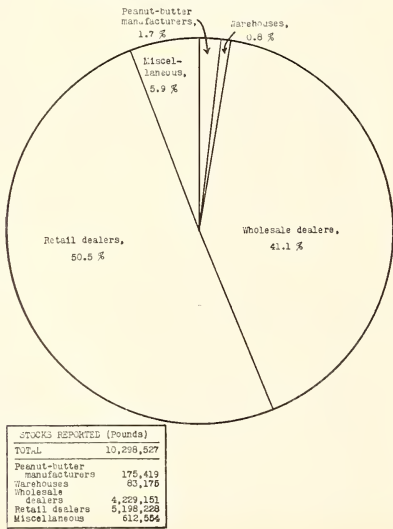


Table 30.—Number of firms reporting peanut butter, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	147,271	99,276
Peanut butter manufacturers.....	46	36
Warehouses.....	43	30
Wholesale dealers.....	4,596	3,804
Wholesale grocers.....	3,260	2,844
Other wholesale dealers.....	1,336	960
Retail dealers.....	138,097	92,718
Retail grocers.....	85,767	56,793
General stores.....	49,563	34,316
Other retail dealers.....	3,367	1,609
Miscellaneous.....	4,489	2,688

Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of peanut butter on the date of the Survey is shown, by geographic divisions and states, for each class of business in Table 31. The East North Central division, it may be noticed, ranked first in stocks reported and nearly one-half of the stocks reported for this division were held in Illinois. The Middle Atlantic division ranked second, and the West North Central division ranked third. The distribution of these stocks by geographic divisions is shown in graphic form in Diagram 22, while Diagram 23 shows the stocks of peanut butter reported for the eighteen most important states.

Diagram 22.—Stocks of Peanut Butter Reported for January 1, 1918, by Geographic Divisions.

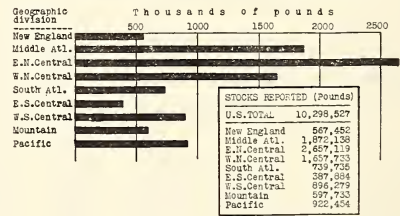
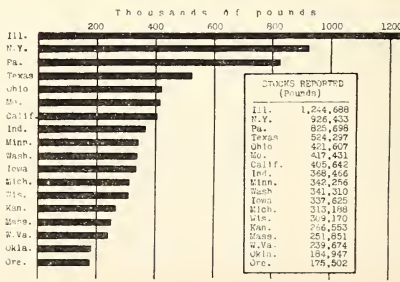


Diagram 23.—Stocks of Peanut Butter Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

More than eight-tenths of the reports for peanut butter, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports are given by groups and classes of firms in the last three columns of Table 29, and also by geographic divisions and by states in Table 32. These figures indicate a material increase in the stocks of peanut butter during the year 1917. This increase in stocks was especially marked in the case of the wholesale dealers, whose stocks on the date of the Survey were 48.1 per cent larger than the stocks held by them January 1, 1917. The total stocks for all groups and classes of firms showed an increase of 24.8 per cent over those of January 1, 1917. The relative stocks of the two years are shown for each group of concerns except the miscellaneous group in Diagram 24.

DIAGRAM 24.—STOCKS OF PEANUT BUTTER REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

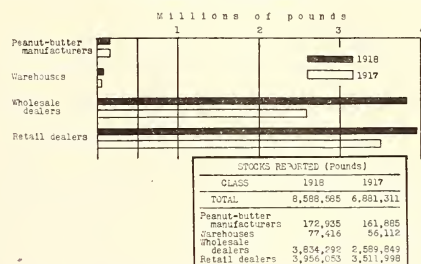


Table 31.—Stocks of peanut butter reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Peanut butter manufac- turers.	Ware- houses.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscel- laneous.
				Total.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States.....	Pounds. 10,298,527	Pounds. 175,419	Pounds. 83,175	Pounds. 4,229,151	Pounds. 3,506,145	Pounds. 723,006	Pounds. 5,198,228	Pounds. 3,609,799	Pounds. 1,504,703	Pounds. 83,726	Pounds. 612,554
GEOGRAPHIC DIVISIONS:											
New England.....	567,452	8,315	25,341	212,707	142,673	70,034	294,226	238,449	50,374	5,403	26,863
Middle Atlantic.....	1,872,138	25,350	5,118	698,602	597,361	101,241	1,017,564	803,980	195,619	17,965	125,504
East North Central.....	2,657,119	80,076	35,083	912,465	760,998	151,467	1,538,257	1,218,630	296,806	22,821	91,238
West North Central.....	1,657,733	6,652	8,833	762,903	607,552	155,351	708,911	369,692	317,149	22,070	170,434
South Atlantic.....	739,735	9,905	131	437,431	390,342	47,089	263,668	170,994	91,385	1,289	28,600
East South Central.....	387,574	486	—	206,196	164,394	41,802	156,765	103,065	32,122	678	24,437
West South Central.....	896,279	301	6,390	480,932	408,470	72,462	393,077	251,208	139,126	2,713	15,579
Mountain.....	597,733	—	1,601	253,813	225,422	28,391	333,894	136,022	192,240	5,632	8,425
Pacific.....	922,454	44,334	678	264,102	208,933	55,169	491,866	316,859	169,882	5,125	121,474
NEW ENGLAND:											
Maine.....	69,832	—	—	29,969	19,482	10,487	36,684	26,197	9,860	627	3,179
New Hampshire.....	45,598	—	—	15,841	13,805	2,036	28,207	20,480	7,507	220	1,550
Vermont.....	43,699	—	—	11,446	7,854	3,562	30,792	13,900	15,833	1,059	1,461
Massachusetts.....	251,851	3,098	25,341	89,589	60,531	29,058	120,546	110,256	8,456	1,834	13,277
Rhode Island.....	50,084	—	—	25,784	15,141	10,643	22,981	21,102	1,632	227	1,319
Connecticut.....	106,388	5,217	—	40,078	25,830	14,248	55,016	46,514	7,066	1,436	6,077
MIDDLE ATLANTIC:											
New York.....	926,433	3,165	1,567	243,651	209,489	33,802	604,983	516,319	80,821	7,843	73,067
New Jersey.....	120,007	—	—	28,290	22,167	6,123	68,341	73,240	12,232	869	5,376
Pennsylvania.....	825,698	22,185	3,551	426,661	365,345	61,316	326,240	214,421	102,566	9,253	47,061
EAST NORTH CENTRAL:											
Ohio.....	421,607	41,133	617	169,056	150,252	18,804	181,351	142,955	36,219	2,177	29,450
Indiana.....	368,466	1,000	100	207,080	193,246	13,834	143,263	104,757	36,052	2,459	17,018
Illinois.....	1,244,688	36,382	34,341	279,539	203,037	76,532	867,919	760,011	99,456	8,452	26,507
Michigan.....	313,188	1,561	—	125,435	115,442	9,993	175,261	117,621	52,419	5,221	10,931
Wisconsin.....	309,170	—	25	131,355	99,051	32,304	170,458	93,286	72,660	4,512	7,332
WEST NORTH CENTRAL:											
Minnesota.....	342,256	—	3,000	165,399	133,070	32,329	156,735	78,055	72,381	6,299	17,122
Iowa.....	337,625	1,200	—	160,221	147,598	12,623	163,618	93,803	64,243	5,572	12,580
Missouri.....	417,431	5,452	—	161,758	146,049	15,709	134,997	88,670	43,131	3,196	115,224
North Dakota.....	63,659	—	1,000	16,005	12,549	3,456	45,981	12,937	32,333	711	583
South Dakota.....	61,157	—	—	19,646	17,138	2,508	35,673	9,086	25,685	902	5,838
Nebraska.....	169,142	—	4,833	77,308	62,565	14,743	71,097	32,065	37,258	1,774	15,994
Kansas.....	266,553	—	—	162,566	88,583	73,983	100,810	55,076	42,118	3,616	3,177
SOUTH ATLANTIC:											
Delaware.....	7,892	—	—	2,828	2,213	615	5,004	4,252	746	6	60
Maryland.....	69,401	100	—	32,495	30,278	2,217	30,894	16,698	13,947	249	5,912
District of Columbia.....	19,424	—	—	4,697	3,793	904	14,416	14,331	85	—	311
Virginia.....	109,362	9,795	—	45,624	36,516	9,108	40,149	27,536	12,365	248	13,794
West Virginia.....	239,674	—	—	188,405	183,464	4,941	49,939	25,283	24,414	242	1,330
North Carolina.....	71,665	—	—	39,489	34,372	5,117	29,299	18,680	10,573	46	2,877
South Carolina.....	39,795	—	—	19,838	15,687	4,151	19,255	11,875	7,299	81	702
Georgia.....	90,784	10	131	47,177	38,980	8,197	40,878	27,864	12,642	372	2,588
Florida.....	91,738	—	—	50,878	45,039	11,839	33,834	24,475	9,314	45	1,026
EAST SOUTH CENTRAL:											
Kentucky.....	112,655	48	—	50,547	41,972	8,575	53,447	36,567	16,700	180	8,613
Tennessee.....	128,146	67	—	74,056	54,117	19,939	42,235	28,929	12,962	344	11,788
Alabama.....	89,689	371	—	47,717	38,440	9,277	38,016	22,719	15,195	102	3,585
Mississippi.....	57,394	—	—	33,876	29,865	4,011	23,067	15,750	7,265	52	451
WEST SOUTH CENTRAL:											
Arkansas.....	139,670	—	—	105,262	99,856	5,406	32,614	21,408	10,917	289	1,794
Louisiana.....	17,365	10	—	19,777	17,368	2,409	25,467	16,558	8,868	41	2,111
Oklahoma.....	184,947	—	—	86,455	73,421	13,034	92,609	61,754	29,153	1,702	5,888
Texas.....	524,297	301	6,380	269,438	222,925	46,513	242,387	151,488	90,188	711	5,791
MOUNTAIN:											
Montana.....	157,864	—	—	62,721	57,195	5,526	93,590	34,454	57,802	1,244	1,643
Idaho.....	120,795	—	—	43,963	41,582	2,381	76,087	25,652	48,183	2,252	748
Wyoming.....	33,408	—	—	11,176	11,176	—	21,964	7,277	14,582	105	265
Colorado.....	109,694	—	900	48,391	34,781	13,610	57,210	34,098	22,401	711	3,193
New Mexico.....	26,914	—	38	12,179	10,986	1,193	14,530	6,181	8,231	118	167
Arizona.....	24,454	—	—	8,313	4,644	3,669	15,803	7,634	8,092	77	338
Utah.....	117,043	—	339	65,961	63,949	2,012	49,002	17,888	29,989	1,125	1,741
Nevada.....	7,561	—	324	1,109	1,109	—	5,798	2,838	2,960	—	330
PACIFIC:											
Washington.....	341,310	34,164	452	101,527	86,754	14,773	175,894	99,853	74,042	1,999	29,273
Oregon.....	175,502	1,036	141	56,372	40,570	15,802	115,952	62,939	52,682	1,311	2,001
California.....	405,642	9,134	85	106,203	81,609	24,594	200,020	154,047	44,158	1,815	90,200

Table 32.—Comparative figures for peanut butter, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		PEANUT BUTTER MANUFACTURERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States.....	Pounds. 8,588,585	Pounds. 6,881,311	Pounds. 172,955	Pounds. 161,885	Pounds. 77,416	Pounds. 56,112	Pounds. 3,834,292	Pounds. 2,589,849	Pounds. 3,956,053	Pounds. 3,201,998
GEOGRAPHIC DIVISIONS:										
New England.....	451,409	378,347	8,240	10,238	25,319	21,521	182,100	120,126	215,890	207,737
Middle Atlantic.....	1,559,613	1,372,904	25,350	21,152	3,956	23,834	633,627	454,882	783,113	713,568
East North Central.....	2,308,072	1,928,067	78,671	55,985	31,373	2,683	857,328	608,829	1,259,565	1,174,421
West North Central.....	1,429,892	992,832	6,350	3,200	8,833	2,595	713,110	428,732	538,263	474,882
South Atlantic.....	599,567	418,995	9,895	10,252	200	391,105	225,218	177,714	109,836	109,836
East South Central.....	308,553	257,423	115	448	6,390	1,576	181,076	139,424	107,788	102,542
West South Central.....	697,159	512,180	---	---	977	1,139	423,965	278,480	257,539	223,657
Mountain.....	479,262	352,650	---	---	---	---	228,454	170,649	243,915	166,955
Pacific.....	755,558	667,913	44,314	60,610	568	2,564	223,527	154,509	372,266	278,400
NEW ENGLAND:										
Maine.....	58,763	49,859	---	---	---	---	27,762	19,182	28,580	28,995
New Hampshire.....	37,676	33,619	---	---	---	---	15,043	11,251	22,056	21,844
Vermont.....	34,818	30,033	---	---	---	---	11,273	7,156	22,736	21,854
Massachusetts.....	199,335	167,842	3,023	3,929	25,319	21,521	74,242	54,405	86,529	77,828
Rhode Island.....	42,514	24,929	---	---	---	---	24,665	10,496	16,810	13,442
Connecticut.....	78,303	72,035	5,217	6,309	---	---	29,115	17,636	39,179	43,774
MIDDLE ATLANTIC:										
New York.....	808,172	707,126	3,165	5,207	696	23,224	231,197	179,615	506,070	440,086
New Jersey.....	75,990	77,831	---	---	---	---	18,166	16,825	53,762	53,995
Pennsylvania.....	675,541	587,947	22,185	15,945	3,260	610	384,264	258,442	223,281	219,487
EAST NORTH CENTRAL:										
Ohio.....	345,620	297,193	39,818	29,703	50	---	156,566	129,462	122,726	119,072
Indiana.....	326,178	226,989	1,000	1,500	100	100	202,785	112,244	106,771	96,824
Illinois.....	1,160,162	1,037,512	36,292	22,415	31,198	2,558	264,955	195,490	803,765	782,588
Michigan.....	231,520	187,367	1,561	2,367	---	---	117,780	88,939	102,676	84,144
Wisconsin.....	244,592	179,006	---	---	25	25	115,242	82,694	123,627	91,793
WEST NORTH CENTRAL:										
Minnesota.....	207,204	205,639	---	---	3,000	800	158,109	96,589	120,930	93,049
Iowa.....	299,159	205,870	1,200	---	---	115	157,740	88,116	129,601	107,095
Missouri.....	364,208	263,324	5,150	3,200	---	1,680	147,102	97,084	99,032	116,390
North Dakota.....	53,980	36,670	---	---	1,000	---	15,899	9,100	36,745	27,133
South Dakota.....	51,592	35,502	---	---	---	---	18,773	12,789	27,087	21,283
Nebraska.....	150,819	103,097	---	---	4,833	---	75,516	47,548	55,036	48,596
Kansas.....	212,430	142,730	---	---	---	---	139,971	77,506	69,832	61,327
SOUTH ATLANTIC:										
Delaware.....	4,811	4,462	---	---	---	---	2,331	1,328	2,450	3,082
Maryland.....	50,689	34,734	100	125	---	---	29,383	14,370	15,884	16,032
District of Columbia.....	13,372	15,957	---	---	---	---	1,404	4,081	11,709	11,001
Virginia.....	87,273	66,932	9,795	10,127	---	---	40,545	26,247	28,078	27,934
West Virginia.....	221,734	101,902	---	---	---	200	186,668	72,553	34,261	28,316
North Carolina.....	56,366	49,962	---	---	---	---	34,359	27,606	19,423	20,511
South Carolina.....	30,598	28,023	---	---	---	---	16,260	12,791	14,197	14,863
Georgia.....	70,386	71,345	---	---	---	---	39,488	41,258	28,438	27,595
Florida.....	64,338	45,678	---	---	---	---	40,667	24,984	23,274	20,502
EAST SOUTH CENTRAL:										
Kentucky.....	89,699	82,419	48	138	---	---	48,431	47,513	36,269	31,109
Tennessee.....	102,577	84,640	67	310	---	---	62,465	46,853	28,613	31,116
Alabama.....	68,045	54,462	---	---	---	---	39,558	24,955	25,652	25,287
Mississippi.....	48,232	35,902	---	---	---	---	30,622	20,563	17,254	15,030
WEST SOUTH CENTRAL:										
Arkansas.....	125,073	97,799	---	---	---	---	102,928	78,815	20,527	17,416
Louisiana.....	34,981	30,339	---	---	10	376	15,986	13,267	17,164	14,716
Oklahoma.....	140,164	89,654	---	---	---	---	81,135	46,418	57,300	41,336
Texas.....	396,941	294,388	---	---	6,380	1,200	223,816	139,980	162,548	150,187
MOUNTAIN:										
Montana.....	128,317	75,433	---	---	---	---	55,193	27,160	71,901	47,509
Idaho.....	95,244	73,243	---	---	---	---	39,663	32,402	54,971	40,271
Wyoming.....	26,892	16,147	---	---	---	---	11,176	7,419	15,462	8,571
Colorado.....	91,291	94,043	---	---	900	890	44,508	58,504	44,155	33,534
New Mexico.....	18,756	14,577	---	---	38	---	8,131	7,536	10,508	6,984
Arizona.....	18,246	13,563	---	---	---	---	6,959	4,691	11,130	8,807
Utah.....	95,380	61,829	---	---	39	249	61,715	41,485	32,021	18,086
Nevada.....	5,136	3,815	---	---	---	---	1,109	452	3,767	3,193
PACIFIC:										
Washington.....	284,211	233,133	34,164	53,239	342	115	90,695	78,622	131,653	93,789
Oregon.....	178,929	138,926	1,016	906	---	2,249	40,912	37,875	88,048	55,581
California.....	339,622	355,854	6,134	6,465	85	200	91,920	58,010	152,565	129,030

*Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 547,889 pounds; for 1917, 561,467 pounds.

COMMERCIAL STOCKS OF CONDENSED MILK.

The total stocks of condensed and evaporated milk reported in the Food Survey of January 1, 1918, amounted to 310,881,660 pounds. Of this total the milk condensaries held 22.8 per cent; the storage warehouses, 7.7 per cent; the wholesale dealers, 35.4 per cent; and the retail dealers, 27.2 per cent. The remainder, amounting to 6.9 per cent, was held by a miscellaneous group of firms. The stocks of condensed milk reported by each group and class of business concerns are given in the first column of Table 33 and the relative importance of the stocks reported by the several groups of firms is shown graphically in Diagram 25.

The number of schedules received and tabulated for condensed and evaporated milk is shown by groups and classes of business concerns in Table 34.

Table 33.—Stocks of condensed milk reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 310,881,660	Pounds. 252,477,297	143.3	Pounds. 176,233,345
Milk condensaries.....	70,825,746	68,446,813	252.8	27,073,128
Storage warehouses.....	23,864,774	10,769,896	204.6	5,262,791
Cold storages.....	4,502,077	3,365,032	668.6	503,280
Warehouses.....	19,362,697	7,404,864	155.6	4,759,511
Wholesale dealers.....	110,198,428	98,317,135	121.9	80,648,372
Wholesale grocers.....	91,377,772	82,642,228	108.1	76,484,205
Meat packers.....	11,220,326	9,741,702	368.4	2,644,461
Other wholesale dealers.....	7,600,330	5,933,205	390.4	1,519,706
Retail dealers.....	84,575,145	63,227,472	110.5	57,238,147
Retail grocers.....	54,011,146	39,980,275	108.8	36,746,660
General stores.....	29,791,437	22,739,673	113.1	20,097,645
Other retail dealers.....	772,562	507,524	128.9	393,842
Miscellaneous.....	21,417,567	11,715,981	194.9	6,010,907

Diagram 25.—Distribution of Total Stocks of Condensed Milk Reported for January 1, 1918.

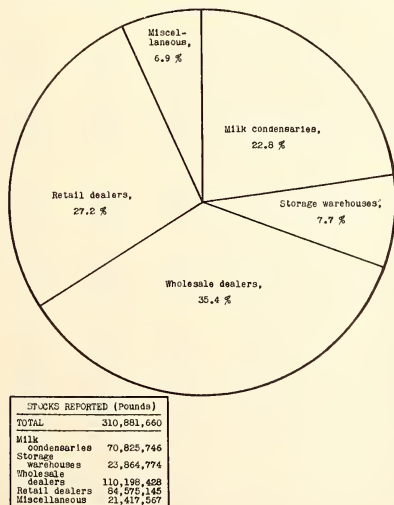


Table 34.—Number of firms reporting condensed milk, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	194,250	138,929
Milk condensaries.....	249	221
Storage warehouses.....	230	142
Cold storages.....	60	35
Warehouses.....	170	107
Wholesale dealers.....	5,580	4,600
Wholesale grocers.....	3,930	3,422
Meat packers.....	649	519
Other wholesale dealers.....	1,001	659
Retail dealers.....	175,391	125,934
Retail grocers.....	107,622	76,974
General stores.....	63,051	46,382
Other retail dealers.....	4,715	2,578
Miscellaneous.....	12,800	8,032

Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of condensed and evaporated milk by geographic divisions and states is shown, for each group and class of firms, in Table 35. This table indicates that the East North Central division reported more than 83 million pounds of condensed milk, which was considerably more than one-fourth of the total stocks reported for the entire country. The Middle Atlantic division ranks second, with upwards of 69 million pounds, which was nearly twice the amount reported by any of the remaining seven geographic divisions. The smallest stocks of this commodity, both absolutely and on a per capita basis, were reported from the East South Central group of states. The distribution of these stocks is shown in graphic form by geographic divisions in Diagram 26, while the stocks of condensed milk reported for the eighteen most important states are shown graphically in Diagram 27.

Diagram 26.—Stocks of Condensed Milk Reported for January 1, 1918, by Geographic Divisions.

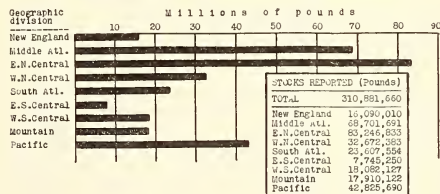
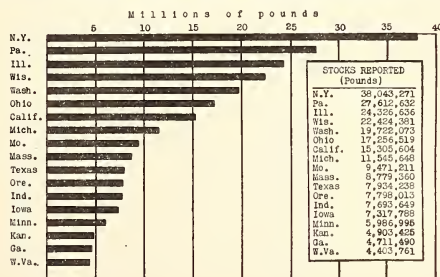


Diagram 27.—Stocks of Condensed Milk Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

The comparative commercial stocks of condensed and evaporated milk on January 1, 1918, and January 1, 1917, are shown by groups and classes of firms in the last three columns of Table 33 and are also given by geographic divisions and states in Table 36. These comparative figures, which are based on the reports that gave information for both dates, indicate a material increase in stocks on the date of the Survey as compared with the earlier date for each group and class of firms. This increase is especially marked in the case of the milk condensaries, whose stocks on the date of the Survey were more than two and one-half times as great as on January 1, 1917. The total stocks reported for the date of the Survey were 43.3 per cent larger than those held by the same firms January 1, 1917. The relative stocks on the two dates are represented graphically for each group of firms except the miscellaneous in Diagram 28. The very marked increase in the stocks of milk is an outstanding feature of the diagram.

DIAGRAM 28.—STOCKS OF CONDENSED MILK REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

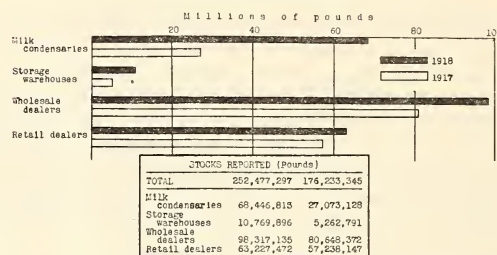


Table 35.—Stocks of condensed milk reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.				WHOLESALE DEALERS.				RETAIL DEALERS.				Miscellaneous.
	Total.	Milk condensaries.	Storage warehouses.	Total.	Wholesale grocers.	Meat packers.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
United States..	Pounds. 310,881,660	Pounds. 70,825,746	Pounds. 23,864,774	Pounds. 110,198,428	Pounds. 91,377,772	Pounds. 11,220,326	Pounds. 7,600,330	Pounds. 84,575,145	Pounds. 54,011,146	Pounds. 29,791,437	Pounds. 772,562	Pounds. 21,417,567
GEOGRAPHIC DIVISIONS:												
New England.....	16,090,010	203,702	2,539,006	6,181,092	4,147,255	1,683,840	349,997	5,570,185	4,471,569	1,023,469	75,147	1,596,025
Maine.....	68,701,691	16,686,605	12,722,403	21,785,261	16,502,310	1,439,749	3,795,205	15,033,701	11,180,855	3,637,487	209,350	2,470,718
Middle Atlantic.....	83,246,833	32,760,304	2,632,524	24,806,352	21,516,186	2,319,458	970,708	17,933,391	12,104,732	5,540,855	223,774	5,088,262
E. N. Central.....	32,672,383	1,591,422	2,117,892	15,206,717	13,490,616	1,446,538	269,563	12,324,650	8,981,241	3,238,122	165,287	1,371,702
W. N. Central.....	23,607,550	321,166	1,030,886	10,648,993	8,786,549	1,321,997	540,447	6,569,726	2,770,668	3,773,254	25,804	5,036,775
South Atlantic.....	7,745,250	29,808	458,007	4,377,844	3,583,437	615,094	179,313	2,383,090	974,948	1,403,928	4,634	496,531
E. S. Central.....	18,082,127	522,080	10,709,761	8,660,255	5,773,944	469,562	4,674,345	2,607,557	2,033,412	2,033,412	13,380	2,181,941
Mountain.....	17,910,122	3,154,277	247,465	5,835,018	5,473,547	341,922	19,549	7,443,397	4,724,928	20,912	1,220,965	1,220,965
Pacific.....	42,825,690	16,078,462	1,594,511	10,650,387	9,216,617	427,784	1,005,986	12,556,690	8,106,473	4,415,952	34,265	1,945,640
NEW ENGLAND:												
Maine.....	2,200,836	54,155	8,750	1,114,858	677,127	145,003	22,728	978,577	591,249	381,878	5,420	44,496
New Hampshire.....	972,155	—	—	517,556	356,251	157,669	3,636	298,263	197,523	97,704	3,036	156,336
Vermont.....	560,703	19,530	—	160,436	108,658	30,596	21,182	102,245	62,280	36,200	3,765	278,492
Massachusetts.....	8,779,360	130,017	2,320,695	2,732,548	1,882,316	619,567	230,665	2,664,821	2,511,761	127,570	25,490	931,279
Rhode Island.....	1,127,185	—	—	532,049	433,221	91,901	4,927	350,567	289,870	58,422	2,375	35,008
Connecticut.....	2,449,771	—	209,561	1,123,645	687,682	369,104	66,859	1,175,712	818,886	321,695	35,131	150,414
MIDDLE ATLANTIC:												
New York.....	38,043,271	12,257,399	10,821,733	8,689,150	5,101,829	638,945	2,948,376	5,220,593	4,329,357	823,704	67,532	1,054,396
New Jersey.....	3,045,788	35,187	136,960	870,944	716,129	138,612	16,203	1,727,737	1,439,692	269,779	18,266	274,960
Pennsylvania.....	27,612,632	4,394,019	1,763,710	12,228,170	10,685,352	712,192	830,626	8,085,371	5,417,806	2,444,004	123,561	1,141,362
E. N. CENTRAL:												
Ohio.....	17,256,312	3,925,332	573,940	7,640,396	7,125,703	214,576	300,111	3,458,076	2,745,236	679,590	33,331	1,658,775
Indiana.....	7,693,649	864,654	316,455	4,000,411	3,859,261	79,444	61,706	2,251,007	1,747,419	478,993	24,595	261,122
Illinois.....	24,326,636	5,865,737	1,652,559	8,247,993	6,323,189	1,611,745	313,059	6,001,729	4,556,281	2,158,614	86,834	1,758,618
Michigan.....	11,545,648	5,495,625	50,000	2,751,171	2,626,806	99,057	25,308	2,942,208	2,204,903	689,418	47,887	306,641
Wisconsin.....	22,424,331	16,608,953	39,570	2,166,351	1,581,221	314,636	270,524	2,506,371	940,393	1,534,351	31,127	1,108,106
W. N. CENTRAL:												
Minnesota.....	5,986,995	—	1,080,281	2,817,492	2,296,596	384,441	136,455	1,911,741	1,236,044	645,161	30,176	177,481
Iowa.....	7,317,788	807,285	72,034	3,493,701	3,073,278	373,047	47,376	2,647,106	1,979,762	616,253	51,091	297,710
Missouri.....	9,471,211	6,140	543,590	4,638,711	4,377,363	20,064	3,850,084	3,342,064	491,375	454,944	502,686	502,686
North Dakota.....	891,804	—	30,340	447,399	342,008	82,482	22,909	396,834	111,286	278,340	7,208	17,231
South Dakota.....	892,228	—	—	482,587	416,390	50,597	15,600	390,878	148,459	236,976	5,443	18,763
Nebraska.....	3,208,932	—	391,647	1,335,225	1,226,573	108,075	577	1,354,280	855,725	482,373	16,522	127,240
Kansas.....	4,903,425	778,045	—	2,091,602	1,758,408	306,612	26,582	1,803,187	1,307,741	487,444	8,202	230,591
SOUTH ATLANTIC:												
Delaware.....	462,396	—	21,264	108,992	89,750	19,106	136	110,866	83,291	19,707	7,868	221,274
Maryland.....	3,843,161	205,921	501,196	907,744	749,298	145,095	13,351	608,898	435,541	171,420	1,937	1,619,402
Dist. of Columbia.....	1,139,063	—	248,584	527,033	465,018	60,693	1,322	254,955	251,170	3,457	328	108,491
Virginia.....	2,814,883	4,830	99,143	1,261,252	1,048,731	307,380	90,741	1,165,529	795,108	467,301	3,880	109,138
West Virginia.....	4,403,761	—	—	2,509,140	2,347,499	158,506	3,135	1,838,595	404,383	1,427,298	6,914	56,026
North Carolina.....	1,093,880	—	—	631,404	411,020	209,448	10,936	448,657	94,196	353,981	480	13,819
South Carolina.....	1,237,271	81,540	71,866	437,858	329,121	104,943	3,794	580,074	136,818	442,609	647	65,933
Georgia.....	4,711,490	—	81,717	1,475,946	1,092,911	197,852	185,183	432,978	303,830	126,008	3,140	2,720,849
Florida.....	3,898,649	28,875	7,116	2,604,624	2,253,201	118,974	232,449	1,136,183	752,000	383,673	510	121,851
E. S. CENTRAL:												
Kentucky.....	2,078,981	29,808	101,317	1,207,916	1,027,496	116,532	63,888	653,915	437,966	214,992	1,457	86,025
Tennessee.....	2,136,770	—	334,250	1,458,830	1,103,397	258,831	96,802	298,816	196,601	100,676	1,539	44,874
Alabama.....	2,370,752	—	22,440	978,994	853,576	110,177	15,241	1,206,918	225,050	980,620	1,248	162,400
Mississippi.....	1,158,747	—	—	732,104	598,968	129,554	3,582	223,411	114,581	108,140	390	203,232
W. S. CENTRAL:												
Arkansas.....	2,380,752	—	—	1,444,055	1,128,677	135,061	180,317	915,821	303,931	609,704	2,186	20,876
Louisiana.....	4,063,137	—	103,930	2,740,983	2,177,289	373,710	189,984	930,407	471,504	458,428	475	287,817
Oklahoma.....	3,704,000	—	75,301	2,260,420	1,511,817	79,751	1,269,179	2,511,817	1,269,179	1,242,638	99,310	6,712
Texas.....	7,934,238	—	342,850	4,258,512	3,325,654	913,356	19,502	1,558,988	1,057,010	497,921	4,007	1,773,938
MOUNTAIN:												
Montana.....	2,963,005	—	17,720	1,456,488	1,339,845	110,943	5,700	1,421,538	458,295	955,170	8,073	67,259
Idaho.....	1,917,788	109,758	36,282	774,178	670,768	108,410	—	955,977	681,926	274,051	1,753	31,593
Wyoming.....	1,092,454	—	—	262,336	229,336	—	—	796,195	182,744	612,243	1,208	3,923
Colorado.....	4,192,422	1,174,412	145,110	1,237,158	1,112,589	117,424	7,145	1,602,773	917,770	680,376	4,627	32,969
New Mexico.....	1,104,673	—	3,555	536,840	535,465	1,375	—	514,944	118,427	394,939	1,578	49,334
Arizona.....	3,281,322	908,160	—	548,590	543,955	—	4,635	833,672	208,527	624,024	1,121	990,900
Utah.....	2,595,574	961,947	—	870,308	859,469	—	8,770	699,243	320,947	378,804	2,492	38,076
Nevada.....	762,854	—	18,798	118,120	118,120	—	—	609,055	147,561	461,446	48	15,911
PACIFIC:												
Washington.....	19,722,073	10,645,531	803,029	3,493,873	2,651,761	75,076	767,036	4,074,854	2,231,267	1,829,577	14,010	704,786
Oregon.....	7,798,013	3,796,190	262,742	1,333,680	1,123,174	196,906	13,606	1,718,884	934,023	781,468	3,393	686,511
California.....	15,305,604	1,636,741	528,740	5,822,828	5,441,682	155,802	225,344	6,762,952	4,941,183	1,804,997	16,862	534,343

Table 36.—Comparative figures for condensed milk, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MILK CONDENSARIES.		STORAGE WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States.....	Pounds. 252,477,297	Pounds. 176,233,345	Pounds. 68,446,813	Pounds. 27,073,128	Pounds. 10,769,896	Pounds. 5,262,791	Pounds. 98,317,135	Pounds. 80,648,372	Pounds. 63,227,472	Pounds. 57,238,147
GEOGRAPHIC DIVISIONS:										
New England.....	12,277,166	9,214,363	203,702	227,406	1,661,342	1,501,999	5,574,320	3,494,206	3,548,663	3,312,952
Middle Atlantic.....	50,565,530	34,108,025	16,237,977	5,583,457	3,198,931	1,611,421	17,888,864	12,361,569	11,320,945	13,052,705
East North Central.....	75,178,028	42,600,074	31,594,977	11,418,957	1,952,966	920,956	22,955,742	16,687,694	14,139,468	17,116,460
West North Central.....	27,007,330	18,410,012	1,481,322	722,512	1,629,920	271,941	13,887,941	9,635,790	9,134,068	7,211,985
South Atlantic.....	15,394,298	10,259,065	321,166	141,195	559,684	117,632	9,400,011	6,254,403	4,617,043	3,383,837
East South Central.....	5,719,555	3,475,862	29,808	101,757	59,490	32,748,757	2,312,417	1,668,107	988,202	988,202
West South Central.....	13,835,089	15,260,513	29,670	403,559	35,060	10,016,488	12,479,039	3,208,033	2,572,243	2,572,243
Mountain.....	15,020,609	11,800,303	2,766,342	1,509,638	167,463	5,080,547	4,336,375	5,950,314	5,657,485	5,657,485
Pacific.....	37,479,692	31,104,228	15,811,519	7,440,263	1,094,274	721,846	9,764,465	13,086,879	9,631,201	9,342,278
NEW ENGLAND:										
Maine.....	1,976,706	1,245,828	54,155	46,299	8,750	7,301	1,082,174	531,082	807,602	643,263
New Hampshire.....	870,541	465,133	-----	-----	-----	-----	516,966	224,497	212,715	201,113
Vermont.....	515,019	198,242	19,530	508	-----	-----	100,117	80,756	82,405	79,900
Massachusetts.....	6,395,513	5,263,983	130,017	180,599	1,652,592	1,494,698	2,411,722	1,766,869	1,484,597	1,374,872
Rhode Island.....	717,433	661,710	-----	-----	-----	-----	339,542	247,100	247,100	277,142
Connecticut.....	1,803,954	1,379,467	-----	-----	-----	-----	962,208	551,430	714,274	736,662
MIDDLE ATLANTIC:										
New York.....	25,653,287	12,849,241	11,960,252	3,444,351	1,553,422	746,019	7,281,372	3,654,639	4,109,108	4,349,269
New Jersey.....	2,058,845	3,121,456	35,187	52,658	2,460	672	697,879	1,043,835	1,177,168	1,904,181
Pennsylvania.....	22,833,398	18,137,328	4,242,538	2,086,448	1,643,049	864,730	9,909,613	7,663,095	6,043,767	6,799,255
EAST NORTH CENTRAL:										
Ohio.....	15,268,292	7,506,741	3,798,330	784,337	357,815	169,070	6,884,452	3,825,770	2,600,608	2,249,200
Indiana.....	6,576,707	4,713,285	735,234	219,308	9,726	1,800	3,928,424	2,866,191	1,717,168	1,517,300
Illinois.....	21,944,192	16,581,539	5,730,783	3,967,279	1,511,055	651,916	7,682,514	6,965,896	5,611,001	4,387,470
Michigan.....	10,346,760	5,460,362	5,494,128	1,541,952	50,000	90,000	2,551,818	1,981,104	2,004,355	1,665,638
Wisconsin.....	21,042,077	8,338,147	15,836,462	4,905,611	24,370	8,161	1,908,534	1,048,733	2,206,336	1,896,852
WEST NORTH CENTRAL:										
Minnesota.....	4,819,766	2,774,085	-----	34,248	821,714	132,500	2,389,796	1,241,889	1,496,114	1,276,829
Iowa.....	6,561,938	4,441,410	778,137	457,754	72,034	5,890	3,431,633	2,285,380	2,106,976	1,553,981
Missouri.....	7,459,878	5,980,958	6,140	61,331	316,485	87,874	4,367,329	3,544,816	2,374,745	2,041,112
North Dakota.....	745,545	426,650	-----	-----	28,040	-----	423,102	202,836	286,173	218,967
South Dakota.....	797,160	546,220	-----	-----	451,761	293,740	328,757	293,740	328,757	240,647
Nebraska.....	2,885,872	1,754,892	-----	-----	391,647	45,677	1,297,663	809,672	1,116,075	888,283
Kansas.....	3,737,171	2,455,797	697,045	169,179	-----	-----	1,566,657	1,257,457	1,424,225	992,166
SOUTH ATLANTIC:										
Delaware.....	192,342	120,116	-----	-----	21,264	-----	94,160	49,894	68,210	61,583
Maryland.....	2,164,488	1,123,677	205,921	82,650	501,196	105,632	878,295	475,954	465,518	392,276
District of Columbia.....	733,371	494,341	-----	-----	-----	-----	438,987	256,126	213,792	184,873
Virginia.....	2,298,938	1,335,893	4,830	3,360	-----	-----	1,269,652	839,593	941,461	396,052
West Virginia.....	3,877,691	2,491,591	-----	-----	-----	-----	2,403,663	1,395,505	1,445,479	1,069,283
North Carolina.....	681,042	444,309	-----	555	-----	-----	531,959	302,795	143,253	133,002
South Carolina.....	741,420	525,931	81,340	14,280	10,716	-----	396,451	326,645	194,485	165,507
Georgia.....	1,670,317	1,024,067	-----	-----	19,392	-----	1,280,085	739,553	319,760	262,139
Florida.....	3,034,689	2,702,040	28,875	40,350	7,116	12,000	2,106,759	1,868,338	825,385	719,122
EAST SOUTH CENTRAL:										
Kentucky.....	1,710,188	1,010,213	29,808	-----	101,317	57,490	1,039,466	539,862	473,660	375,481
Tennessee.....	1,379,699	988,982	-----	-----	-----	-----	1,128,473	737,350	215,486	220,673
Alabama.....	1,794,903	848,085	-----	-----	440	2,000	920,183	561,520	815,405	250,946
Mississippi.....	834,765	628,582	-----	-----	-----	-----	660,635	473,685	163,555	141,102
WEST SOUTH CENTRAL:										
Arkansas.....	1,819,194	1,241,340	-----	-----	-----	540	1,369,105	890,578	432,766	334,037
Louisiana.....	3,387,209	1,747,145	-----	29,670	53,580	12,714	2,570,334	1,147,462	722,804	529,382
Oklahoma.....	3,128,338	7,664,346	-----	-----	73,860	1,900	2,151,248	6,948,928	863,242	688,602
Texas.....	5,500,348	4,607,682	-----	-----	276,119	19,906	3,925,801	3,492,071	1,189,221	1,020,222
MOUNTAIN:										
Montana.....	2,521,591	2,202,723	-----	-----	-----	-----	1,314,975	977,709	1,167,200	1,173,755
Idaho.....	1,579,615	1,722,144	109,758	236,064	-----	-----	683,328	644,304	775,159	826,376
Wyoming.....	936,473	852,950	-----	-----	-----	-----	292,336	313,624	642,005	535,958
Colorado.....	3,310,796	2,472,254	786,477	371,768	145,110	3,348	1,059,213	978,063	1,298,070	1,095,758
New Mexico.....	961,871	749,148	-----	-----	3,553	3,690	536,223	405,188	413,677	320,782
Arizona.....	2,927,265	1,514,283	908,160	132,936	-----	-----	405,574	359,745	687,334	877,599
Utah.....	2,215,025	1,750,120	961,947	768,870	-----	-----	724,025	539,265	501,421	423,655
Nevada.....	567,973	536,081	-----	-----	18,798	15,408	64,873	118,477	474,578	393,602
PACIFIC:										
Washington.....	17,956,988	12,660,644	10,645,531	4,978,271	706,686	27,600	3,178,061	4,549,745	2,792,735	2,836,329
Oregon.....	6,673,944	5,419,814	3,696,926	2,107,188	38,390	-----	1,289,189	1,996,036	1,349,926	1,569,584
California.....	12,848,760	13,023,770	1,460,062	354,804	349,198	694,246	5,297,215	6,541,098	5,488,540	5,246,084

*Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 11,715,981 pounds; for 1917, 6,010,907 pounds.

JUNE 28TH

IS

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